

Complex Glazing Database: Version 8.0

Windows and Envelope Materials Group, Lawrence Berkeley National Laboratory; <https://windows.lbl.gov/software/CGDB/index.html>

Notes for 6.1:

Several products that were released in 6.0 have been re-released in 6.1 due to lack of data for solar transmittance and reflectance in the 6.0 XML files.

ID # 6011 was referencing the wrong XML file (2011-SA11.xml) but has now been changed to reference the correct XML file (2011-SA6.XML)

ID # 6009 was referencing the wrong XML file (2011-SA9.xml) but has now been changed to reference the correct XML file (2011-SA8.XML)

Notes for 8.0:

All ODL products have been updated for this version.

Alkenz - Sunshadow

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
7005	3000 NET 5% N901 Charcoal/Charcoal (WS)	BSDF File	6.1	Alkenz-Sunshadow 3000 NET 5 N901 Charcoal-Charcoal-SE01.xml	0	0.3	0.848	0.848	0.0662	0.066	0.054	0.054	0.048	0.048	0.055	0.055	0.047	0.047
7006	4000 NET 5% N901 Charcoal/Charcoal (WS)	BSDF File	6.1	Alkenz-Sunshadow 4000 NET 5 N901 Charcoal-Charcoal-SE02.xml	0	0.3	0.841	0.841	0.074	0.074	0.060	0.060	0.044	0.044	0.061	0.061	0.042	0.042
7007	3000 NET 5% N001 White/White (WS)	BSDF File	6.1	Alkenz-Sunshadow 3000 NET 5 N001 White-White-SE03.xml	0	0.3	0.831	0.831	0.0877	0.088	0.197	0.197	0.780	0.780	0.249	0.249	0.68	0.68
7008	3000 NET 5% N001 White/White (WS)	BSDF File	6.1	Alkenz-Sunshadow 4000 NET 5 N001 White-White-SE04.xml	0	0.3	0.843	0.843	0.074	0.074	0.161	0.161	0.776	0.776	0.211	0.211	0.688	0.688
7009	3000 HT 5% HT01 White/White (WS)	BSDF File	6.1	Alkenz-Sunshadow 3000 HT 5 HT01 White-White-SE05.xml	0	0.3	0.835	0.835	0.0811	0.081	0.204	0.204	0.761	0.761	0.254	0.254	0.671	0.671
7010	3000 HT 5% HT03 White/Light Gray (WS)	BSDF File	6.1	Alkenz-Sunshadow 3000 HT 5 HT03 White-Light Gray-SE06rev.xml	0	0.3	0.864	0.808	0.0864	0.086	0.154	0.159	0.641	0.467	0.209	0.214	0.575	0.451
7011	3000 HT 5% HT09 White/Charcoal (WS)	BSDF File	6.1	Alkenz-Sunshadow 3000 HT 5 HT09 White-Charcoal-SE07rev.xml	0	0.3	0.86	0.863	0.0574	0.057	0.078	0.085	0.511	0.153	0.084	0.094	0.427	0.126
7012	3000 NET 5% N901 Beige/Sable (WS)	BSDF File	6.1	Alkenz-Sunshadow 3000 NET 5 N901 Beige-Sable-SE08rev.xml	0	0.3	0.845	0.845	0.0741	0.074	0.126	0.126	0.451	0.451	0.199	0.199	0.454	0.454

Alkenz - Sunshadow

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	εf	εb	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
7013	4000 NET 5% N901 Beige/Sable (WS)	BSDF File	6.1	Alkenz-Sunshadow 4000 NET 5 N901 Beige-Sable- SE09.xml	0	0.3	0.834	0.834	0.081	0.081	0.107	0.107	0.446	0.446	0.169	0.169	0.448	0.448
7014	3000 CA 3% CA01 White/Floral White (WS)	BSDF File	6.1	Alkenz-Sunshadow 3000 CA 3 CA01 White-Floral White-SE10.xml	0	0.3	0.851	0.851	0.0663	0.066	0.217	0.217	0.768	0.768	0.265	0.265	0.677	0.677
7015	3000 NET 1% N001 White/White (WS)	BSDF File	6.1	Alkenz-Sunshadow 3000 NET 1 N001 White-White- SE11.xml	0	0.3	0.895	0.895	0.0333	0.033	0.124	0.124	0.845	0.845	0.175	0.175	0.740	0.740
7016	3000 NET 3% N001 White/White (WS)	BSDF File	6.1	Alkenz-Sunshadow 3000 NET 3 N001 White-White- SE12.xml	0	0.3	0.839	0.839	0.0813	0.081	0.156	0.156	0.813	0.813	0.208	0.208	0.711	0.711
7017	3000 NET 5% N001 White/White (WS)	BSDF File	6.1	Alkenz-Sunshadow 3000 NET 5 N001 White-White- SE13.xml	0	0.3	0.864	0.864	0.0668	0.067	0.179	0.179	0.789	0.789	0.230	0.230	0.69	0.69
7018	3000 NET 10% N001 White/White (WS)	BSDF File	6.1	Alkenz-Sunshadow 3000 NET 10 N001 White- White-SE14.xml	0	0.3	0.825	0.825	0.1111	0.111	0.218	0.218	0.759	0.759	0.268	0.268	0.661	0.661
7019	3000 HT 3% HT01 White/White (WS)	BSDF File	6.1	Alkenz-Sunshadow 3000 HT 3 HT01 White-White- SE15.xml	0	0.3	0.93	0.93	0.0001	0.0001	0.175	0.175	0.766	0.766	0.224	0.224	0.677	0.677
7020	3000 HT 5% HT01 White/White (WS)	BSDF File	6.1	Alkenz-Sunshadow 3000 HT 5 HT01 White-White- SE16.xml	0	0.3	0.880	0.880	0.0581	0.058	0.19	0.19	0.769	0.769	0.245	0.245	0.673	0.673
7021	VIEW R 15% R103 White/Gray (WS)	BSDF File	6.1	Alkenz-Sunshadow VIEW R 15 R103 White-Gray- SE17.xml	0	0.3	0.748	0.748	0.1995	0.2	0.232	0.232	0.511	0.511	0.262	0.262	0.455	0.455
7022	4700 P Q 1% P012 White/Beige/Beige (WS)	BSDF File	6.1	Alkenz-Sunshadow 4700 P Q 1 P012 White-Beige- Beige-SE18.xml	0	0.3	0.917	0.917	0.0001	0.0001	0.102	0.102	0.691	0.691	0.16	0.16	0.623	0.623
7023	4700 P Q 1% Q001 White/Cream/Alab aster Beige (WS)	BSDF File	6.1	Alkenz-Sunshadow 4700 P Q 1 Q001 White-Cream- Alabaster Beige- SE19rev.xml	0	0.3	0.813	0.813	0.0931	0.093	0.124	0.131	0.769	0.729	0.171	0.178	0.681	0.657
7024	4000 NET 3% N001 White/White (WS)	BSDF File	6.1	Alkenz-Sunshadow 4000 NET 3 N001 White-White- SE20.xml	0	0.3	0.833	0.833	0.0655	0.066	0.151	0.151	0.78	0.78	0.199	0.199	0.693	0.693

Alkenz USA Inc

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
7000	Sunshadow 3000, N901 Charcoal (WS)	BSDF File	2	2011-SA31.XML	1	0.15	0.847	0.847	0.0661	0.066	0.052	0.052	0.043	0.043	0.052	0.052	0.041	0.041
7001	Sunshadow 3100, N002 white/bone (WS)	BSDF File	2	2011-SA30.XML	1	0.15	0.785	0.785	0.128	0.128	0.228	0.228	0.605	0.605	0.292	0.292	0.541	0.541
7002	Sunshadow 4000, N902 Charcoal/Bronze (WS)	BSDF File	2	2011-SA27.XML	1	0.15	0.815	0.815	0.0933	0.093	0.073	0.073	0.062	0.062	0.079	0.079	0.072	0.072
7003	Sunshadow 4100, N301 Grey (WS)	BSDF File	2	2011-SA28.XML	1	0.15	0.785	0.785	0.1186	0.119	0.08	0.08	0.314	0.314	0.108	0.108	0.305	0.305
7004	Sunshadow CA, CA02 White Moccasin (WS)	BSDF File	2	2011-SA29.XML	1	0.15	0.817	0.817	0.087	0.087	0.208	0.208	0.666	0.666	0.255	0.255	0.609	0.609

Comfortex

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
8000	E5035 White (WS)	BSDF File	2	2011-SA32.XML	1	0.15	0.551	0.551	0.2796	0.28	0.679	0.679	0.518	0.518	0.693	0.693	0.297	0.297
8001	PSB38 White (WS)	BSDF File	2	2011-SA33.XML	1	0.15	0.662	0.662	0.1695	0.17	0.629	0.629	0.369	0.369	0.637	0.637	0.356	0.356
8002	MT78097718I White (WS)	BSDF File	2	2011-SA34.XML	1	0.15	0.845	0.845	0.0003	0.0003	6E-06	6E-06	0.800	0.800	0.00020	0.0002	0.676	0.676
8003	E5070 White (WS)	BSDF File	2	2011-SA35.XML	1	0.15	0.708	0.708	0.1261	0.126	0.466	0.466	0.531	0.531	0.482	0.482	0.501	0.501
8004	E5035DK WhiteX (WS)	BSDF File	2	2011-SA36.XML	1	0.15	0.807	0.807	0.0451	0.045	6E-06	6E-06	0.801	0.801	0.00030	0.0003	0.641	0.641

Dickson - Glen Raven

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
10020	SWN-M005 (WS)	BSDF File	6.1	Dickson-Glen Raven SWN-M005-SE33.xml	0	0.3	0.733	0.733	0.1944	0.194	0.291	0.291	0.671	0.671	0.311	0.311	0.602	0.602
10021	SWN-M652 (WS)	BSDF File	6.1	Dickson-Glen Raven SWN-M652-SE34.xml	0	0.3	0.731	0.731	0.1974	0.197	0.155	0.155	0.242	0.242	0.17	0.17	0.231	0.231
10022	SWK M005 (WS)	BSDF File	6.1	Dickson-Glen Raven SWK-M005-SE35.xml	0	0.3	0.819	0.819	0.0804	0.080	0.263	0.263	0.722	0.722	0.291	0.291	0.647	0.647

Dickson - Glen Raven

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10023	SWK M391 (WS)	BSDF File	6.1	Dickson-Glen Raven SWK-M391-SE36.xml	0	0.3	0.743	0.743	0.1647	0.165	0.067	0.067	0.128	0.128	0.068	0.068	0.054	0.054
10024	SWK M654 (WS)	BSDF File	6.1	Dickson-Glen Raven SWK-M654-SE37.xml	0	0.3	0.803	0.803	0.1042	0.104	0.155	0.155	0.502	0.502	0.189	0.189	0.459	0.459
10025	SWC M005 (WS)	BSDF File	6.1	Dickson-Glen Raven SWC-M005-SE38.xml	0	0.3	0.856	0.83	0.044	0.044	0.279	0.279	0.694	0.694	0.299	0.299	0.629	0.629
10026	SWC M392 (WS)	BSDF File	6.1	Dickson-Glen Raven SWC-M392-SE39.xml	0	0.3	0.888	0.838	0.0232	0.023	0.056	0.055	0.244	0.244	0.056	0.055	0.068	0.081
10027	SWC M654 (WS)	BSDF File	6.1	Dickson-Glen Raven SWC-M654-SE54.xml	0	0.3	0.853	0.848	0.0464	0.046	0.149	0.188	0.495	0.48	0.179	0.217	0.465	0.453
10028	SWN M654 (WS)	BSDF File	6.1	Dickson-Glen Raven SWN-M654-SE55.xml	0	0.3	0.722	0.718	0.2021	0.202	0.200	0.206	0.459	0.447	0.221	0.226	0.417	0.405

Ferrari Textiles Corporation

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
9000	Preconstraint 502, 8861 - Vanilla (WS)	BSDF File	2	2011-SA41.XML	1	0.15	0.894	0.894	0.0002	0.0002	0.03	0.03	3.186	3.186	0.09	0.09	0.644	0.644
9001	Soltis 86, 2002 - Sand (WS)	BSDF File	2	2011-SA40.XML	1	0.15	0.716	0.716	0.2078	0.208	0.208	0.208	0.463	0.463	0.255	0.255	0.476	0.476
9002	Soltis 92, 2002 - Sand (WS)	BSDF File	2	2011-SA39.XML	1	0.15	0.801	0.801	0.1147	0.115	0.130	0.130	0.536	0.536	0.185	0.185	0.543	0.543
9003	Soltis 93, 3002 - Sand (WS)	BSDF File	2	2011-SA38.XML	1	0.15	0.837	0.837	0.0739	0.074	0.1	0.1	0.546	0.546	0.157	0.157	0.561	0.561
9004	Soltis B92N, 1043 - Bronze (WS)	BSDF File	2	2011-SA37.XML	1	0.15	0.828	0.828	0.0001	0.0001	2E-05	2E-05	0.293	0.293	0	0	0.132	0.132

Flexo Solutions

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13000	Flexo Solutions Basil 4008 SC64 - 3 mm cell height	BSDF File	6	Flexo Solutions Basil 4008 SC64_3.xml	0	0.172	0.960	0.944	6E-06	0	0	0	0.045	0.200	0	0	0.055	0.205
13001	Flexo Solutions Basil 4008 SC64 - 10 mm cell height	BSDF File	6	Flexo Solutions Basil 4008 SC64_10.xml	0	0.181	0.941	0.916	1E-05	0	0	0	0.137	0.523	0	0	0.160	0.529

Flexo Solutions

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13002	Flexo Solutions Basil 4008 SC64 - 17 mm cell height	BSDF File	6	Flexo Solutions Basil 4008 SC64_17.xml	0	0.248	0.919	0.885	1E-05	0	0	0	0.215	0.678	0	0	0.249	0.683
13003	Flexo Solutions Basil 4008 SC64 - 24 mm cell height	BSDF File	6	Flexo Solutions Basil 4008 SC64_24.xml	0	0.217	0.895	0.853	1E-05	0	0	0	0.28	0.749	0	0	0.32	0.755
13004	Flexo Solutions Basil 4008 SC64 - 31 mm cell height	BSDF File	6	Flexo Solutions Basil 4008 SC64_31.xml	0	0.130	0.871	0.821	1E-05	0	0	0	0.336	0.812	0	0	0.381	0.816
13005	Flexo Solutions Black 4020 SC65 - 3 mm cell height	BSDF File	5	Flexo Solutions Black 4020 SC65_3.xml	0	0.143	0.972	0.958	6E-06	0	0	0	0.009	0.147	0	0	0.011	0.144
13006	Flexo Solutions Black 4020 SC65 - 9 mm cell height	BSDF File	5	Flexo Solutions Black 4020 SC65_9.xml	0	0.148	0.96	0.939	3E-05	0	0	0	0.028	0.382	0	0	0.035	0.377
13007	Flexo Solutions Black 4020 SC65 - 15 mm cell height	BSDF File	5	Flexo Solutions Black 4020 SC65_15.xml	0	0.194	0.945	0.917	6E-06	0	0	0	0.045	0.533	0	0	0.054	0.526
13008	Flexo Solutions Black 4020 SC65 - 21 mm cell height	BSDF File	5	Flexo Solutions Black 4020 SC65_21.xml	0	0.172	0.929	0.893	1E-05	0	0	0	0.061	0.627	0	0	0.072	0.618
13009	Flexo Solutions Black 4020 SC65 - 27 mm cell height	BSDF File	5	Flexo Solutions Black 4020 SC65_27.xml	0	0.126	0.912	0.869	1E-05	0	0	0	0.078	0.687	0	0	0.094	0.679
13015	Flexo Solutions Light Mocha 4007 SC62 - 3 mm cell height	BSDF File	5	Flexo Solutions Light Mocha 4007 SC62_3.xml	0	0.146	0.956	0.94	6E-06	0	0	0	0.069	0.194	0	0	0.087	0.2
13016	Flexo Solutions Light Mocha 4007 SC62 - 8 mm cell height	BSDF File	5	Flexo Solutions Light Mocha 4007 SC62_8.xml	0	0.149	0.938	0.915	2E-05	0	0	0	0.166	0.439	0	0	0.203	0.447
13017	Flexo Solutions Light Mocha 4007 SC62 - 14 mm cell height	BSDF File	5	Flexo Solutions Light Mocha 4007 SC62_14.xml	0	0.187	0.913	0.882	6E-06	0	0	0	0.264	0.620	0	0	0.317	0.630

Flexo Solutions

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13018	Flexo Solutions Light Mocha 4007 SC62 - 20 mm cell height	BSDF File	5	Flexo Solutions Light Mocha 4007 SC62_20.xml	0	0.153	0.887	0.848	1E-05	0	0	0	0.342	0.714	0	0	0.405	0.723
13019	Flexo Solutions Light Mocha 4007 SC62 - 25 mm cell height	BSDF File	5	Flexo Solutions Light Mocha 4007 SC62_25.xml	0	0.114	0.864	0.82	6E-06	0	0	0	0.396	0.761	0	0	0.462	0.769
13020	Flexo Solutions Seaside Blue 4010 SC54 - 3 mm cell height	BSDF File	5	Flexo Solutions Seaside Blue 4010 SC54_3.xml	0	0.135	0.950	0.932	3E-05	0	0.004	0.003	0.058	0.173	0.004	0.003	0.082	0.168
13021	Flexo Solutions Seaside Blue 4010 SC54 - 8 mm cell height	BSDF File	5	Flexo Solutions Seaside Blue 4010 SC54_8.xml	0	0.138	0.93	0.906	0.0006	0	0.028	0.026	0.132	0.368	0.032	0.031	0.182	0.360
13022	Flexo Solutions Seaside Blue 4010 SC54 - 14 mm cell height	BSDF File	5	Flexo Solutions Seaside Blue 4010 SC54_14.xml	0	0.174	0.902	0.872	0.0030	0	0.076	0.074	0.198	0.483	0.088	0.087	0.264	0.475
13023	Flexo Solutions Seaside Blue 4010 SC54 - 20 mm cell height	BSDF File	5	Flexo Solutions Seaside Blue 4010 SC54_20.xml	0	0.136	0.872	0.837	0.0068	0	0.117	0.117	0.249	0.538	0.136	0.136	0.323	0.534
13024	Flexo Solutions Seaside Blue 4010 SC54 - 25 mm cell height	BSDF File	5	Flexo Solutions Seaside Blue 4010 SC54_25.xml	0	0.100	0.846	0.808	0.0101	0	0.143	0.144	0.285	0.564	0.165	0.165	0.362	0.564
13025	Flexo Solutions Toffee 4005 SC56 - 3 mm cell height	BSDF File	5	Flexo Solutions Toffee 4005 SC56_3.xml	0	0.150	0.952	0.939	2E-05	0	0.048	0.083	0.054	0.035	0.006	0.003	0.073	0.176
13026	Flexo Solutions Toffee 4005 SC56 - 10 mm cell height	BSDF File	5	Flexo Solutions Toffee 4005 SC56_10.xml	0	0.159	0.928	0.908	0.0006	0	0.15	0.201	0.145	0.105	0.047	0.041	0.194	0.441

Flexo Solutions

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13027	Flexo Solutions Toffee 4005 SC56 - 16 mm cell height	BSDF File	5	Flexo Solutions Toffee 4005 SC56_16.xml	0	0.212	0.904	0.879	0.0021	0	0.22	0.27	0.192	0.150	0.099	0.095	0.263	0.542
13028	Flexo Solutions Toffee 4005 SC56 - 22 mm cell height	BSDF File	5	Flexo Solutions Toffee 4005 SC56_22.xml	0	0.187	0.879	0.848	0.0043	0	0.275	0.322	0.219	0.182	0.142	0.141	0.317	0.591
13029	Flexo Solutions Toffee 4005 SC56 - 29 mm cell height	BSDF File	5	Flexo Solutions Toffee 4005 SC56_29.xml	0	0.112	0.849	0.812	0.0072	0	0.327	0.37	0.238	0.204	0.176	0.175	0.367	0.622
13030	Flexo Solutions True Camel 4006 SC63 - 3 mm cell height	BSDF File	5	Flexo Solutions True Camel 4006 SC63_3.xml	0	0.158	0.960	0.945	6E-06	0	0	0	0.066	0.181	0	0	0.092	0.184
13031	Flexo Solutions True Camel 4006 SC63 - 9 mm cell height	BSDF File	5	Flexo Solutions True Camel 4006 SC63_9.xml	0	0.163	0.942	0.919	3E-05	0	0	0	0.179	0.464	0	0	0.244	0.469
13032	Flexo Solutions True Camel 4006 SC63 - 15 mm cell height	BSDF File	5	Flexo Solutions True Camel 4006 SC63_15.xml	0	0.21	0.921	0.890	6E-06	0	0	0	0.273	0.625	0	0	0.359	0.632
13033	Flexo Solutions True Camel 4006 SC63 - 21 mm cell height	BSDF File	5	Flexo Solutions True Camel 4006 SC63_21.xml	0	0.187	0.898	0.860	1E-05	0	0	0	0.347	0.711	0	0	0.443	0.718
13034	Flexo Solutions True Camel 4006 SC63 - 27 mm cell height	BSDF File	5	Flexo Solutions True Camel 4006 SC63_27.xml	0	0.121	0.875	0.830	1E-05	0	0	0	0.408	0.766	0	0	0.509	0.771
13035	Flexo Solutions True Camel 4021 SC61 - 4 mm cell height	BSDF File	5	Flexo Solutions True Camel 4021 SC61_4.xml	0	0.156	0.964	0.959	6E-06	0	0	0	0.063	0.191	0	0	0.092	0.194

Flexo Solutions

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
13036	Flexo Solutions True Camel 4021 SC61 - 11 mm cell height	BSDF File	5	Flexo Solutions True Camel 4021 SC61_11.xml	0	0.169	0.947	0.941	0.0002	0	0	0	0.157	0.443	0	0	0.221	0.450
13037	Flexo Solutions True Camel 4021 SC61 - 18 mm cell height	BSDF File	5	Flexo Solutions True Camel 4021 SC61_18.xml	0	0.242	0.929	0.921	0.0008	0	0	0	0.237	0.600	0	0	0.321	0.608
13038	Flexo Solutions True Camel 4021 SC61 - 25 mm cell height	BSDF File	5	Flexo Solutions True Camel 4021 SC61_25.xml	0	0.211	0.909	0.899	0.0017	0	0	0	0.304	0.69	0	0	0.402	0.697
13039	Flexo Solutions True Camel 4021 SC61 - 32 mm cell height	BSDF File	5	Flexo Solutions True Camel 4021 SC61_32.xml	0	0.145	0.888	0.876	0.0028	0	0	0	0.361	0.744	0	0	0.466	0.75

Generic

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
1	Venetian A0	Venetian	2															
2	Venetian A45	Venetian	2															
3	Venetian A90	Venetian	2															
4	Venetian B0	Venetian	2															
5	Venetian B45	Venetian	2															
6	Venetian B90	Venetian	2															
7	Venetian C0	Venetian	2															
8	Venetian C45	Venetian	2															
9	Venetian C80	Venetian	2															
10	Venetian C90	Venetian	2															
11	Venetian D0	Venetian	2															
12	Venetian D45	Venetian	2															
13	Venetian D90	Venetian	2															
15	Diffusing Shade	Diffusing Shade	2															

Generic

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	O	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
16	WINDAT Shade with Spectral Data	Venetian	2															
19	Generic Woven Shade	Woven Shade	2															
20	Off White Blind 24 mm slat at 45 degrees	Venetian	2															
21	Dark Blue Blind 24 mm slat at 45 degrees	Venetian	2															
23	Woven shade - 30% refl. gray, 3% openness	Woven Shade	2															
24	Woven shade - 30% refl. gray, 10% openness	Woven Shade	2															
28	Perforated screen - circular	Perforated Screen	2															
29	1" horizontal VB (white) - 45 deg	Venetian	2															
30	3" horizontal VB (white) - 45 deg	Venetian	2															
31	3" vertical VB (white) - 0 deg (open)	Vert Louver	2															
32	0.4" inbetween VB (white) - 45 deg	Venetian	2															
50	Cellular Shade -- Opaque -- Dark	BSDF File	2	privacyDark.xml	0	0.193	0.903	0.903	0.003	0	0.001	0.001	0.074	0.074	0.035	0.035	0.306	0.307
51	Cellular Shade -- Opaque -- Medium	BSDF File	2	PrivacyMedium.xml	0	0.184	0.879	0.879	0.0168	0	0.089	0.088	0.32	0.320	0.127	0.127	0.334	0.334
52	Cellular Shade -- Opaque -- Light	BSDF File	2	PrivacyLight.xml	0	0.196	0.907	0.907	0.002	0	0.001	0.001	0.201	0.201	0.039	0.039	0.371	0.372
53	Cellular Shade -- Sheer -- Dark	BSDF File	2	SeethroughDark.xml	0	0.143	0.776	0.776	0.1205	0	0.258	0.258	0.021	0.021	0.425	0.424	0.102	0.102
54	Cellular Shade -- Sheer -- Medium	BSDF File	2	SeethroughMedium.xml	0	0.167	0.896	0.896	0.0353	0	0.099	0.099	0.101	0.101	0.111	0.111	0.116	0.116

Generic

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
55	Cellular Shade -- Sheer -- Light	BSDF File	2	SeethroughLight.xml	0	0.141	0.757	0.757	0.1329	0	0.625	0.625	0.245	0.246	0.643	0.644	0.231	0.230
56	Cellular Shade -- Opaque -- White Outside -- Dark Inside	BSDF File	2	privacyWhiteFront_Dark.xml	0	0.195	0.907	0.904	0.0024	0	0.001	0.001	0.200	0.074	0.037	0.037	0.368	0.308
57	Cellular Shade -- Opaque -- White Outside -- Medium Inside	BSDF File	2	privacyWhiteFront_Medium.xml	0	0.184	0.903	0.891	0.0058	0	0.01	0.009	0.201	0.314	0.069	0.069	0.369	0.341

Glen Raven

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
10001	Firesist, Sand 82006 (WS)	BSDF File	2	2011-SA55.XML	1	0.15	0.835	0.835	0.0459	0.046	0.024	0.024	0.29	0.29	0.054	0.054	0.327	0.327
10002	Firesist, Black 82008 (WS)	BSDF File	2	2011-SA85.XML	1	0.15	0.896	0.896	0.0002	0.0002	5E-06	5E-06	0.038	0.038	0	0	0.042	0.042
10003	Sunbrella awning, Black 4608 (WS)	BSDF File	2	2011-SA45.XML	1	0.15	0.835	0.835	0.0565	0.057	2E-05	2E-05	0.022	0.022	9E-06	9E-06	0.021	0.021
10004	Sunbrella awning, Taupe 4648 (WS)	BSDF File	2	2011-SA46.XML	1	0.15	0.764	0.764	0.0438	0.044	0.0009	0.0009	0.149	0.149	0.005	0.005	0.19	0.19
10005	Sunbrella awning, Heather Beige 4672 (WS)	BSDF File	2	2011-SA47.XML	1	0.15	0.805	0.805	0.0002	0.0002	0.008	0.008	0.245	0.245	0.034	0.034	0.323	0.323
10006	Sunbrella awning, Brass 4658 (WS)	BSDF File	2	2011-SA48.XML	1	0.15	0.76	0.76	0.0626	0.063	0.011	0.011	0.239	0.239	0.038	0.038	0.305	0.305
10007	Sunbrella awning, Oyster 4642 (WS)	BSDF File	2	2011-SA49.XML	1	0.15	0.771	0.771	0.0441	0.044	0.137	0.137	0.562	0.562	0.18	0.18	0.608	0.608
10008	Sunbrella awning, Natural 4604 (WS)	BSDF File	2	2011-SA50.XML	1	0.15	0.79	0.79	6E-05	6E-05	0.207	0.207	0.684	0.684	0.21	0.21	0.676	0.676
10009	Sunbrella awning, Linen 4633 (WS)	BSDF File	2	2011-SA51.XML	1	0.15	0.781	0.781	0.0311	0.031	0.033	0.033	0.371	0.371	0.125	0.125	0.52	0.52
10010	Sunbrella awning, Cadet Gray 4630 (WS)	BSDF File	2	2011-SA52.XML	1	0.15	0.761	0.761	0.0437	0.044	0.011	0.011	0.277	0.277	0.118	0.118	0.479	0.479
10011	Sunbrella awning, Green 4637 (WS)	BSDF File	2	2011-SA53.XML	1	0.15	0.837	0.837	0.0002	0.0002	7E-06	7E-06	0.042	0.042	0.0003	0.0003	0.074	0.074

Glen Raven

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
10012	Sunbrella awning, Dubonnet Tweed 4606 (WS)	BSDF File	2	2011-SA54.XML	1	0.15	0.861	0.861	0.0009	0.0009	0.0002	0.0002	0.044	0.044	0.011	0.011	0.124	0.124
10013	Sunbrella shade, Black 4608 (WS)	BSDF File	2	2011-SA57.XML	1	0.15	0.835	0.835	0.0565	0.057	6E-06	6E-06	0.024	0.024	2E-05	2E-05	0.024	0.024
10014	Sunbrella shade, Ebony 318 (WS)	BSDF File	2	2011-SA58.XML	1	0.15	0.802	0.802	0.0643	0.064	0.041	0.041	0.062	0.062	0.046	0.046	0.075	0.075
10015	Sunbrella shade, Eggshell 173 (WS)	BSDF File	2	2011-SA56.XML	1	0.15	0.704	0.704	0.0867	0.087	0.284	0.284	0.559	0.559	0.301	0.301	0.569	0.569
10016	Sunvision Ecru	BSDF File	4	2014-SC39.XML	0	0.15	0.669	0.669	0.1831	0.183	0.345	0.345	0.590	0.590	0.364	0.364	0.559	0.559
10017	Sunvision Ardoise	BSDF File	4	2014-SC40.XML	0	0.15	0.685	0.685	0.1655	0.165	0.144	0.144	0.079	0.079	0.155	0.155	0.097	0.097
10018	Sunvision Perle	BSDF File	4	2014-SC41.XML	0	0.15	0.657	0.657	0.1817	0.182	0.189	0.189	0.243	0.243	0.222	0.222	0.255	0.255

Goodearl and Bailey

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
3500	Dickson Orchestra #0681 Dune (WS)	BSDF File	6.1	Goodearl and Bailey-Dickson Orchestra 0681 Dune-oz03.xml	0	0.14	0.755	0.755	0.0436	0.044	0.069	0.069	0.398	0.398	0.126	0.126	0.474	0.474

Helioscreen

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
7500	Platinum Charcoal (WS)	BSDF File	6.1	Helioscreen-Platinum Charcoal-oz02.xml	0	0.14	0.538	0.884	0.0493	0.049	0.038	0.038	0.354	0.354	0.113	0.105	0.413	0.283
7501	Platinum Iron (WS)	BSDF File	6.1	Helioscreen-Platinum Iron-oz01.xml	0	0.14	0.630	0.923	0.0004	0.0004	0.110	0.106	0.431	0.431	0.14	0.132	0.451	0.396

Hunter Douglas

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
14000	Duette C20-951 (SA62) - 3 mm cell height	BSDF File	5	Duette C20-951 SA62_3.xml	0	0.120	0.937	0.937	2E-05	0.05	6E-05	7E-05	0.112	0.104	7E-05	6E-05	0.099	0.093
14001	Duette C20-951 (SA62) - 10 mm cell height	BSDF File	5	Duette C20-951 SA62_10.xml	0	0.144	0.911	0.911	0.0006	0.05	0.003	0.003	0.293	0.29	0.003	0.003	0.261	0.259

Hunter Douglas

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
14002	Duette C20-951 (SA62) - 16 mm cell height	BSDF File	5	Duette C20-951 SA62_16.xml	0	0.158	0.885	0.885	0.0023	0.05	0.010	0.011	0.409	0.407	0.011	0.011	0.367	0.366
14003	Duette C20-951 (SA62) - 22 mm cell height	BSDF File	5	Duette C20-951 SA62_22.xml	0	0.14	0.858	0.858	0.0049	0.05	0.020	0.020	0.497	0.496	0.022	0.022	0.449	0.448
14004	Duette C20-951 (SA62) - 29 mm cell height	BSDF File	5	Duette C20-951 SA62_29.xml	0	0.099	0.826	0.826	0.0086	0.05	0.031	0.031	0.570	0.570	0.034	0.034	0.52	0.520
14005	Duette C22-951 (SA61) - 3 mm cell height	BSDF File	5	Duette C22-951 SA61_3.xml	0	0.123	0.92	0.92	2E-05	0.05	7E-05	7E-05	0.104	0.097	7E-05	8E-05	0.096	0.090
14006	Duette C22-951 (SA61) - 10 mm cell height	BSDF File	5	Duette C22-951 SA61_10.xml	0	0.149	0.886	0.886	0.0008	0.05	0.003	0.003	0.276	0.273	0.004	0.004	0.255	0.253
14007	Duette C22-951 (SA61) - 17 mm cell height	BSDF File	5	Duette C22-951 SA61_17.xml	0	0.169	0.848	0.848	0.0033	0.05	0.013	0.013	0.403	0.403	0.014	0.014	0.375	0.373
14008	Duette C22-951 (SA61) - 24 mm cell height	BSDF File	5	Duette C22-951 SA61_24.xml	0	0.133	0.81	0.81	0.0070	0.05	0.026	0.026	0.498	0.498	0.027	0.026	0.465	0.464
14009	Duette C22-951 (SA61) - 30 mm cell height	BSDF File	5	Duette C22-951 SA61_30.xml	0	0.102	0.777	0.777	0.0103	0.05	0.036	0.036	0.559	0.558	0.037	0.037	0.524	0.523
14010	Duette C22-951 (SA89) - 3 mm cell height	BSDF File	5	Duette C22-951 SA89_3.xml	0	0.147	0.968	0.968	6E-06	0.05	0	1E-06	0.008	0.008	2E-05	7E-06	0.045	0.042
14011	Duette C22-951 (SA89) - 10 mm cell height	BSDF File	5	Duette C22-951 SA89_10.xml	0	0.152	0.954	0.954	1E-05	0.05	1E-05	1E-05	0.027	0.027	0.00060	0.0006	0.133	0.132
14012	Duette C22-951 (SA89) - 16 mm cell height	BSDF File	5	Duette C22-951 SA89_16.xml	0	0.18	0.940	0.940	1E-05	0.05	5E-05	5E-05	0.043	0.043	0.002	0.002	0.198	0.198
14013	Duette C22-951 (SA89) - 22 mm cell height	BSDF File	5	Duette C22-951 SA89_22.xml	0	0.161	0.926	0.926	1E-05	0.05	0.0001	0.0001	0.058	0.058	0.004	0.004	0.255	0.255

Hunter Douglas

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
14014	Duette C22-951 (SA89) - 29 mm cell height	BSDF File	5	Duette C22-951 SA89_29.xml	0	0.105	0.908	0.907	1E-05	0.05	0.0002	0.0002	0.075	0.075	0.007	0.007	0.312	0.312
14015	Duette C22-989 (SA91) - 3 mm cell height	BSDF File	5	Duette C22-989 SA91_3.xml	0	0.146	0.954	0.954	2E-05	0.05	3E-05	3E-05	0.065	0.059	3E-05	4E-05	0.071	0.065
14016	Duette C22-989 (SA91) - 10 mm cell height	BSDF File	5	Duette C22-989 SA91_10.xml	0	0.151	0.935	0.935	0.0009	0.05	0.002	0.002	0.181	0.172	0.002	0.002	0.194	0.185
14017	Duette C22-989 (SA91) - 16 mm cell height	BSDF File	5	Duette C22-989 SA91_16.xml	0	0.179	0.917	0.917	0.0038	0.05	0.006	0.006	0.261	0.252	0.008	0.008	0.278	0.269
14018	Duette C22-989 (SA91) - 22 mm cell height	BSDF File	5	Duette C22-989 SA91_22.xml	0	0.16	0.897	0.897	0.0086	0.05	0.012	0.012	0.328	0.317	0.015	0.015	0.348	0.337
14019	Duette C22-989 (SA91) - 29 mm cell height	BSDF File	5	Duette C22-989 SA91_29.xml	0	0.106	0.872	0.872	0.0157	0.05	0.019	0.019	0.393	0.381	0.025	0.024	0.414	0.401
14020	Duette C50-916 (SA98) - 3 mm cell height	BSDF File	5	Duette C50-916 SA98_3.xml	0	0.146	0.958	0.958	2E-05	0.05	2E-05	1E-05	0.043	0.041	3E-05	4E-05	0.046	0.043
14021	Duette C50-916 (SA98) - 10 mm cell height	BSDF File	5	Duette C50-916 SA98_10.xml	0	0.152	0.940	0.940	0.0009	0.05	0.0005	0.0005	0.119	0.121	0.001	0.001	0.123	0.125
14022	Duette C50-916 (SA98) - 16 mm cell height	BSDF File	5	Duette C50-916 SA98_16.xml	0	0.179	0.924	0.924	0.0038	0.05	0.002	0.002	0.176	0.18	0.004	0.004	0.179	0.184
14023	Duette C50-916 (SA98) - 23 mm cell height	BSDF File	5	Duette C50-916 SA98_23.xml	0	0.146	0.902	0.902	0.0097	0.05	0.004	0.004	0.234	0.24	0.009	0.009	0.235	0.241
14024	Duette C50-916 (SA98) - 29 mm cell height	BSDF File	5	Duette C50-916 SA98_29.xml	0	0.108	0.883	0.883	0.0162	0.05	0.006	0.005	0.277	0.283	0.013	0.013	0.277	0.284
14025	Duette C50-951 (SA63) - 3 mm cell height	BSDF File	5	Duette C50-951 SA63_3.xml	0	0.145	0.949	0.949	3E-05	0.05	9E-05	7E-05	0.107	0.100	0.0001	1E-04	0.095	0.089

Hunter Douglas

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
14026	Duette C50-951 (SA63) - 10 mm cell height	BSDF File	5	Duette C50-951 SA63_10.xml	0	0.151	0.927	0.927	0.0015	0.05	0.004	0.004	0.283	0.28	0.004	0.005	0.249	0.247
14027	Duette C50-951 (SA63) - 17 mm cell height	BSDF File	5	Duette C50-951 SA63_17.xml	0	0.183	0.902	0.902	0.0067	0.05	0.014	0.014	0.416	0.415	0.017	0.017	0.370	0.369
14028	Duette C50-951 (SA63) - 23 mm cell height	BSDF File	5	Duette C50-951 SA63_23.xml	0	0.159	0.879	0.879	0.0138	0	0.025	0.026	0.500	0.5	0.030	0.03	0.448	0.449
14029	Duette C50-951 (SA63) - 30 mm cell height	BSDF File	5	Duette C50-951 SA63_30.xml	0	0.099	0.851	0.851	0.0236	0.05	0.037	0.038	0.573	0.572	0.045	0.044	0.519	0.52
14030	Duette C50-955 (SA97) - 3 mm cell height	BSDF File	5	Duette C50-955 SA97_3.xml	0	0.146	0.953	0.953	2E-05	0.05	4E-05	3E-05	0.077	0.073	5E-05	4E-05	0.076	0.071
14031	Duette C50-955 (SA97) - 10 mm cell height	BSDF File	5	Duette C50-955 SA97_10.xml	0	0.152	0.934	0.934	0.001	0.05	0.002	0.002	0.212	0.21	0.002	0.003	0.204	0.202
14032	Duette C50-955 (SA97) - 16 mm cell height	BSDF File	5	Duette C50-955 SA97_16.xml	0	0.179	0.916	0.916	0.0039	0.05	0.007	0.007	0.303	0.302	0.009	0.009	0.292	0.290
14033	Duette C50-955 (SA97) - 23 mm cell height	BSDF File	5	Duette C50-955 SA97_23.xml	0	0.146	0.892	0.892	0.0098	0.05	0.014	0.014	0.389	0.389	0.019	0.019	0.372	0.373
14034	Duette C50-955 (SA97) - 29 mm cell height	BSDF File	5	Duette C50-955 SA97_29.xml	0	0.108	0.871	0.871	0.0162	0.05	0.021	0.021	0.447	0.447	0.028	0.029	0.43	0.429
14035	Duette C50-916931 (SA95) - 3 mm cell height	BSDF File	5	Duette C50-916931 SA95_3.xml	0	0.146	0.957	0.957	2E-05	0.05	2E-05	2E-05	0.053	0.049	4E-05	5E-05	0.059	0.055
14036	Duette C50-916931 (SA95) - 10 mm cell height	BSDF File	5	Duette C50-916931 SA95_10.xml	0	0.151	0.940	0.940	0.0006	0.05	0.001	0.001	0.150	0.149	0.002	0.002	0.165	0.162
14037	Duette C50-916931 (SA95) - 16 mm cell height	BSDF File	5	Duette C50-916931 SA95_16.xml	0	0.177	0.923	0.923	0.0026	0.05	0.005	0.005	0.22	0.219	0.007	0.007	0.236	0.235

Hunter Douglas

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
14038	Duette C50-916931 (SA95) - 22 mm cell height	BSDF File	5	Duette C50-916931 SA95_22.xml	0	0.16	0.905	0.905	0.006	0.05	0.010	0.010	0.279	0.279	0.015	0.015	0.298	0.297
14039	Duette C50-916931 (SA95) - 29 mm cell height	BSDF File	5	Duette C50-916931 SA95_29.xml	0	0.108	0.883	0.883	0.0111	0.05	0.017	0.017	0.338	0.338	0.024	0.025	0.357	0.358
14040	Duette G2-862 (SA64) - 3 mm cell height	BSDF File	5	Duette G2-862 SA64_3.xml	0	0.145	0.949	0.949	3E-05	0.05	8E-05	9E-05	0.107	0.100	9E-050.0001	0.094	0.089	
14041	Duette G2-862 (SA64) - 10 mm cell height	BSDF File	5	Duette G2-862 SA64_10.xml	0	0.151	0.927	0.927	0.0015	0.05	0.004	0.004	0.283	0.28	0.005	0.005	0.25	0.247
14042	Duette G2-862 (SA64) - 17 mm cell height	BSDF File	5	Duette G2-862 SA64_17.xml	0	0.183	0.902	0.902	0.0067	0.05	0.014	0.014	0.415	0.415	0.017	0.017	0.37	0.369
14043	Duette G2-862 (SA64) - 23 mm cell height	BSDF File	5	Duette G2-862 SA64_23.xml	0	0.150	0.879	0.879	0.0138	0.05	0.025	0.025	0.501	0.5	0.030	0.03	0.449	0.449
14044	Duette G2-862 (SA64) - 30 mm cell height	BSDF File	5	Duette G2-862 SA64_30.xml	0	0.099	0.851	0.851	0.0236	0.05	0.037	0.037	0.573	0.573	0.044	0.045	0.519	0.519
14050	ECOVUEW(R) Plus Midnight Storm	BSDF File	6.1	Hunter Douglas-ECOVUEW Plus Midnight Storm-oz27.xml	0	0.14	0.9	0.9	0.0002	0.0002	0.076	0.076	0.092	0.092	0.08	0.08	0.099	0.099
14051	NOVASCREEN Granite	BSDF File	6.1	Hunter Douglas-NOVASCREEN Granite-oz26.xml	0	0.14	0.9	0.9	0.0002	0.0002	0.078	0.077	0.367	0.367	0.080	0.08	0.323	0.131

Inflector Windows Insulators

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
12000	In'Flector Radiant Barrier Window Insulator	BSDF File	2	2011-SA99.XML	1	0.15	0.706	0.592	0.1664	0.166	0.253	0.253	2.287	2.287	0.254	0.254	0.061	0.061
12001	Solar Selective Window Insulator	BSDF File	2	2011-SB13.XML	1	0.15	0.718	0.718	0.2027	0.203	0.172	0.172	39.71	39.71	0.041	0.041	0.226	0.226

Intigral

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
24000	Alabaster Venetian Blind Open (Intigral)	Venetian	8															
24001	Alabaster Venetian Blind Closed (Intigral)	Venetian	8															
24002	Alabaster Venetian Blind 45 (Intigral)	Venetian	8															
24003	White Satin Venetian Blind Open (Intigral)	Venetian	8															
24004	White Satin Venetian Blind Closed (Intigral)	Venetian	8															
24005	White Satin Venetian Blind 45 (Intigral)	Venetian	8															

Levolor

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
11000	Origami	BSDF File	4	2014-SC42.XML	0	0.15	0.690	0.690	0.1018	0.102	0.033	0.033	0.305	0.305	0.102	0.102	0.427	0.427

Living Shade

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
2000	Twilight 279-A10 Light Grey (WS)	BSDF File	6.1	Living Shade-Twilight 279-A10 Light Grey-oz12.xml	0	0.14	0.430	0.818	0.0821	0.082	0.166	0.170	0.493	0.493	0.164	0.167	0.507	0.378

MechoShade

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
15000	EuroTwill Reversible Twill Weave Shadecloth 3%,6220 black/white (WS)	BSDF File	2	2011-SA59.XML	1	0.15	0.827	0.827	0.0875	0.088	0.093	0.09	0.382	0.626	0.106	0.101	0.32	0.534

MechoShade

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
15001	EuroTwill Reversible Twill Weave Shadecloth 3%,6020 white/black (WS)	BSDF File	2	2011-SA60.XML	1	0.15	0.828	0.828	0.1001	0.100	0.083	0.08	0.377	0.636	0.096	0.091	0.318	0.548

Mermet

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
16000	Natte White (WS)	BSDF File	2	2011-SA24.XML	1	0.15	0.774	0.774	0.1487	0.149	0.262	0.262	0.698	0.698	0.279	0.279	0.625	0.625
16001	Natte Charcoal (WS)	BSDF File	2	2011-SA43.XML	1	0.15	0.787	0.787	0.1415	0.142	0.116	0.116	0.060	0.060	0.117	0.117	0.06	0.06
16002	Satine Charcoal (WS)	BSDF File	2	2011-SA25.XML	1	0.15	0.82	0.82	0.0935	0.094	0.055	0.055	0.059	0.059	0.057	0.057	0.059	0.059
16003	Satine White (WS)	BSDF File	2	2011-SA26.XML	1	0.15	0.826	0.826	0.0807	0.081	0.214	0.214	0.747	0.747	0.228	0.228	0.673	0.673
16004	Vienne Charcoal (WS)	BSDF File	2	2011-SA44.XML	1	0.15	0.827	0.827	0.0939	0.094	0.102	0.102	0.064	0.064	0.103	0.103	0.065	0.065
16010	Lintex 60040 White 9038	BSDF File	6.1	Mermet-Lintex 60040 White 9038-oz33.xml	0	0.14	0.9	0.9	0.0002	0.0002	0.468	0.468	0.482	0.482	0.476	0.476	0.465	0.465
16011	M-Screen 8505 White 0202	BSDF File	6.1	Mermet-M-Screen 8505 White 0202-oz32.xml	0	0.14	0.9	0.9	0.0002	0.0002	0.182	0.182	0.785	0.785	0.204	0.204	0.703	0.703

Newell Rubbermaid

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
23000	Newell Rubbermaid 1830199 - 2 mm cell height	BSDF File	6	Newell Rubbermaid 1830199_2.xml	0	0.12	0.903	0.481	0.0403	0	9E-05	4E-05	0.085	0.137	0.0002	8E-05	0.119	0.137
23001	Newell Rubbermaid 1830199 - 7 mm cell height	BSDF File	6	Newell Rubbermaid 1830199_7.xml	0	0.123	0.933	0.815	0.0076	0	0.001	0.0008	0.244	0.414	0.002	0.001	0.326	0.413
23002	Newell Rubbermaid 1830199 - 12 mm cell height	BSDF File	6	Newell Rubbermaid 1830199_12.xml	0	0.144	0.918	0.836	0.0031	0	0.003	0.002	0.347	0.577	0.004	0.004	0.44	0.577

Newell Rubbermaid

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
23003	Newell Rubbermaid 1830199 - 16 mm cell height	BSDF File	6	Newell Rubbermaid 1830199_16.xml	0	0.14	0.901	0.819	0.0020	0	0.003	0.003	0.408	0.658	0.005	0.005	0.502	0.658
23004	Newell Rubbermaid 1830199 - 21 mm cell height	BSDF File	6	Newell Rubbermaid 1830199_21.xml	0	0.098	0.879	0.793	0.0013	0	0.004	0.004	0.472	0.720	0.006	0.006	0.565	0.720
23005	Newell Rubbermaid FCL7000970140 - 2 mm cell height	BSDF File	6	Newell Rubbermaid FCL7000970140_2.xml	0	0.115	0.903	0.518	0.0366	0	0.005	0.002	0.09	0.153	0.005	0.002	0.109	0.150
23006	Newell Rubbermaid FCL7000970140 - 7 mm cell height	BSDF File	6	Newell Rubbermaid FCL7000970140_7.xml	0	0.118	0.916	0.829	0.0062	0	0.044	0.04	0.255	0.403	0.048	0.044	0.302	0.399
23007	Newell Rubbermaid FCL7000970140 - 11 mm cell height	BSDF File	6	Newell Rubbermaid FCL7000970140_11.xml	0	0.131	0.896	0.842	0.0038	0	0.095	0.091	0.336	0.501	0.103	0.101	0.389	0.496
23008	Newell Rubbermaid FCL7000970140 - 15 mm cell height	BSDF File	6	Newell Rubbermaid FCL7000970140_15.xml	0	0.124	0.871	0.824	0.0042	0	0.137	0.135	0.394	0.555	0.149	0.147	0.45	0.554
23009	Newell Rubbermaid FCL7000970140 - 20 mm cell height	BSDF File	6	Newell Rubbermaid FCL7000970140_20.xml	0	0.084	0.839	0.796	0.0057	0	0.171	0.17	0.450	0.598	0.184	0.183	0.504	0.598
23010	Newell Rubbermaid FCL9000770108 - 3 mm cell height	BSDF File	6	Newell Rubbermaid FCL9000770108_3.xml	0	0.129	0.933	0.596	0.0213	0	0.020	0.016	0.129	0.184	0.02	0.017	0.153	0.185
23011	Newell Rubbermaid FCL9000770108 - 8 mm cell height	BSDF File	6	Newell Rubbermaid FCL9000770108_8.xml	0	0.133	0.936	0.819	0.0057	0	0.078	0.073	0.282	0.378	0.085	0.081	0.325	0.379

Newell Rubbermaid

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23012	Newell Rubbermaid FCL9000770108 - 14 mm cell height	BSDF File	6	Newell Rubbermaid FCL9000770108_14.xml	0	0.17	0.915	0.831	0.0067	0	0.169	0.166	0.382	0.476	0.19	0.187	0.429	0.482
23013	Newell Rubbermaid FCL9000770108 - 19 mm cell height	BSDF File	6	Newell Rubbermaid FCL9000770108_19.xml	0	0.145	0.894	0.810	0.0110	0	0.230	0.229	0.433	0.51	0.257	0.257	0.476	0.517
23014	Newell Rubbermaid FCL9000770108 - 24 mm cell height	BSDF File	6	Newell Rubbermaid FCL9000770108_24.xml	0	0.099	0.871	0.787	0.0163	0	0.272	0.272	0.465	0.532	0.304	0.303	0.503	0.538
23015	Newell Rubbermaid FCL9000970124 - 3 mm cell height	BSDF File	6	Newell Rubbermaid FCL9000970124_3.xml	0	0.139	0.903	0.569	0.0333	0	0.002	0.002	0.178	0.151	0.002	0.003	0.183	0.165
23016	Newell Rubbermaid FCL9000970124 - 9 mm cell height	BSDF File	6	Newell Rubbermaid FCL9000970124_9.xml	0	0.146	0.912	0.823	0.0064	0	0.04	0.04	0.427	0.368	0.044	0.044	0.435	0.396
23017	Newell Rubbermaid FCL9000970124 - 15 mm cell height	BSDF File	6	Newell Rubbermaid FCL9000970124_15.xml	0	0.191	0.887	0.831	0.0036	0	0.097	0.097	0.552	0.488	0.107	0.107	0.561	0.519
23018	Newell Rubbermaid FCL9000970124 - 20 mm cell height	BSDF File	6	Newell Rubbermaid FCL9000970124_20.xml	0	0.168	0.863	0.811	0.0039	0	0.132	0.132	0.616	0.554	0.144	0.144	0.623	0.581
23019	Newell Rubbermaid FCL9000970124 - 26 mm cell height	BSDF File	6	Newell Rubbermaid FCL9000970124_26.xml	0	0.106	0.833	0.784	0.0049	0	0.155	0.154	0.666	0.609	0.167	0.167	0.672	0.637
23020	Newell Rubbermaid FCL9001070300 - 3 mm cell height	BSDF File	6	Newell Rubbermaid FCL9001070300_3.xml	0	0.129	0.908	0.582	0.0293	0	0.016	0.016	0.187	0.186	0.016	0.015	0.183	0.181

Newell Rubbermaid

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23021	Newell Rubbermaid FCL9001070300 - 8 mm cell height	BSDF File	6	Newell Rubbermaid FCL9001070300_8.xml	0	0.133	0.912	0.827	0.0077	0	0.088	0.087	0.384	0.383	0.086	0.085	0.375	0.374
23022	Newell Rubbermaid FCL9001070300 - 14 mm cell height	BSDF File	6	Newell Rubbermaid FCL9001070300_14.xml	0	0.171	0.886	0.853	0.0082	0	0.217	0.216	0.488	0.488	0.215	0.215	0.473	0.473
23023	Newell Rubbermaid FCL9001070300 - 20 mm cell height	BSDF File	6	Newell Rubbermaid FCL9001070300_20.xml	0	0.136	0.854	0.834	0.0149	0	0.323	0.323	0.529	0.527	0.322	0.323	0.509	0.508
23024	Newell Rubbermaid FCL9001070300 - 25 mm cell height	BSDF File	6	Newell Rubbermaid FCL9001070300_25.xml	0	0.101	0.827	0.815	0.0217	0	0.383	0.383	0.538	0.538	0.389	0.389	0.515	0.516
23025	Newell Rubbermaid FCR7000370505 - 4 mm cell height	BSDF File	6	Newell Rubbermaid FCR7000370505_4.xml	0	0.167	0.894	0.602	0.0358	0	0	0	0.118	0.178	0	0	0.132	0.179
23026	Newell Rubbermaid FCR7000370505 - 11 mm cell height	BSDF File	6	Newell Rubbermaid FCR7000370505_11.xml	0	0.181	0.905	0.832	0.0076	0	0	0	0.292	0.422	0	0	0.322	0.424
23027	Newell Rubbermaid FCR7000370505 - 18 mm cell height	BSDF File	6	Newell Rubbermaid FCR7000370505_18.xml	0	0.255	0.881	0.844	0.0031	0	0	0	0.417	0.577	0	0	0.454	0.579
23028	Newell Rubbermaid FCR7000370505 - 25 mm cell height	BSDF File	6	Newell Rubbermaid FCR7000370505_25.xml	0	0.102	0.852	0.825	0.0017	0	0	0	0.506	0.667	0	0	0.546	0.669
23029	Newell Rubbermaid FCR7000370505 - 32 mm cell height	BSDF File	6	Newell Rubbermaid FCR7000370505_32.xml	0	0.116	0.822	0.801	0.0009	0	0	0	0.571	0.723	0	0	0.609	0.725

Newell Rubbermaid

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
23030	Newell Rubbermaid FCR9000370501 - 3 mm cell height	BSDF File	6	Newell Rubbermaid FCR9000370501_3.xml	0	0.138	0.888	0.565	0.0403	0	0	0	0.152	0.173	0	0	0.158	0.172
23031	Newell Rubbermaid FCR9000370501 - 8 mm cell height	BSDF File	6	Newell Rubbermaid FCR9000370501_8.xml	0	0.142	0.906	0.811	0.0098	0	0	0	0.361	0.405	0	0	0.371	0.399
23032	Newell Rubbermaid FCR9000370501 - 14 mm cell height	BSDF File	6	Newell Rubbermaid FCR9000370501_14.xml	0	0.179	0.881	0.835	0.0035	0	0	0	0.526	0.581	0	0	0.538	0.574
23033	Newell Rubbermaid FCR9000370501 - 20 mm cell height	BSDF File	6	Newell Rubbermaid FCR9000370501_20.xml	0	0.158	0.85	0.812	0.0019	0	0	0	0.625	0.679	0	0	0.638	0.672
23034	Newell Rubbermaid FCR9000370501 - 25 mm cell height	BSDF File	6	Newell Rubbermaid FCR9000370501_25.xml	0	0.116	0.822	0.789	0.0012	0	0	0	0.679	0.729	0	0	0.690	0.723
23035	Newell Rubbermaid FCR9000560500 - 3 mm cell height	BSDF File	6	Newell Rubbermaid FCR9000560500_3.xml	0	0.126	0.900	0.593	0.0392	0	0	0	0.022	0.170	0	0	0.032	0.167
23036	Newell Rubbermaid FCR9000560500 - 8 mm cell height	BSDF File	6	Newell Rubbermaid FCR9000560500_8.xml	0	0.129	0.928	0.838	0.0114	0	0	0	0.06	0.400	0	0	0.085	0.394
23037	Newell Rubbermaid FCR9000560500 - 14 mm cell height	BSDF File	6	Newell Rubbermaid FCR9000560500_14.xml	0	0.166	0.916	0.864	0.0051	0	0	0	0.102	0.572	0	0	0.143	0.564
23038	Newell Rubbermaid FCR9000560500 - 19 mm cell height	BSDF File	6	Newell Rubbermaid FCR9000560500_19.xml	0	0.149	0.899	0.851	0.0035	0	0	0	0.134	0.656	0	0	0.185	0.648

Newell Rubbermaid

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23039	Newell Rubbermaid FCR9000560500 - 24 mm cell height	BSDF File	6	Newell Rubbermaid FCR9000560500_24.xml	0	0.118	0.88	0.834	0.0026	0	0	0	0.165	0.71	0	0	0.226	0.703
23040	Newell Rubbermaid SCL3000672749 - 4 mm cell height	BSDF File	6	Newell Rubbermaid SCL3000672749_4.xml	0	0.149	0.942	0.592	0.0162	0	0.090	0.084	0.12	0.123	0.1	0.094	0.143	0.148
23041	Newell Rubbermaid SCL3000672749 - 11 mm cell height	BSDF File	6	Newell Rubbermaid SCL3000672749_11.xml	0	0.165	0.937	0.818	0.0063	0	0.167	0.164	0.246	0.245	0.194	0.191	0.289	0.286
23042	Newell Rubbermaid SCL3000672749 - 18 mm cell height	BSDF File	6	Newell Rubbermaid SCL3000672749_18.xml	0	0.238	0.918	0.829	0.0127	0	0.228	0.239	0.312	0.316	0.268	0.281	0.362	0.358
23043	Newell Rubbermaid SCL3000672749 - 25 mm cell height	BSDF File	6	Newell Rubbermaid SCL3000672749_25.xml	0	0.207	0.895	0.806	0.025	0	0.261	0.307	0.372	0.326	0.305	0.360	0.423	0.364
23044	Newell Rubbermaid SCL3000672749 - 32 mm cell height	BSDF File	6	Newell Rubbermaid SCL3000672749_32.xml	0	0.125	0.872	0.780	0.0396	0	0.277	0.32	0.423	0.403	0.320	0.372	0.469	0.432
23045	Newell Rubbermaid SCL7160070552 - 2 mm cell height	BSDF File	6	Newell Rubbermaid SCL7160070552_2.xml	0	0.119	0.908	0.519	0.0364	0	0	0	0.009	0.135	0	0	0.013	0.137
23046	Newell Rubbermaid SCL7160070552 - 7 mm cell height	BSDF File	6	Newell Rubbermaid SCL7160070552_7.xml	0	0.122	0.93	0.83	0.0064	0	0	0	0.032	0.399	0	0	0.046	0.404
23047	Newell Rubbermaid SCL7160070552 - 11 mm cell height	BSDF File	6	Newell Rubbermaid SCL7160070552_11.xml	0	0.136	0.915	0.842	0.0029	0	0	0	0.049	0.535	0	0	0.070	0.541

Newell Rubbermaid

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23048	Newell Rubbermaid SCL7160070552 - 15 mm cell height	BSDF File	6	Newell Rubbermaid SCL7160070552_15.xml	0	0.129	0.895	0.825	0.0018	0	0	0	0.066	0.623	0	0	0.093	0.627
23049	Newell Rubbermaid SCL7160070552 - 20 mm cell height	BSDF File	6	Newell Rubbermaid SCL7160070552_20.xml	0	0.092	0.869	0.797	0.0011	0	0	0	0.087	0.692	0	0	0.122	0.696
23050	Newell Rubbermaid SCL9001272199 - 3 mm cell height	BSDF File	6	Newell Rubbermaid SCL9001272199_3.xml	0	0.134	0.93	0.592	0.0231	0	0.009	0.005	0.195	0.2	0.009	0.005	0.191	0.199
23051	Newell Rubbermaid SCL9001272199 - 8 mm cell height	BSDF File	6	Newell Rubbermaid SCL9001272199_8.xml	0	0.138	0.936	0.825	0.0052	0	0.058	0.053	0.408	0.429	0.058	0.054	0.399	0.421
23052	Newell Rubbermaid SCL9001272199 - 13 mm cell height	BSDF File	6	Newell Rubbermaid SCL9001272199_13.xml	0	0.166	0.921	0.843	0.0020	0	0.127	0.124	0.516	0.548	0.128	0.124	0.504	0.538
23053	Newell Rubbermaid SCL9001272199 - 18 mm cell height	BSDF File	6	Newell Rubbermaid SCL9001272199_18.xml	0	0.16	0.903	0.825	0.0011	0	0.179	0.176	0.583	0.614	0.180	0.178	0.568	0.604
23054	Newell Rubbermaid SCL9001272199 - 23 mm cell height	BSDF File	6	Newell Rubbermaid SCL9001272199_23.xml	0	0.109	0.885	0.802	0.0007	0	0.206	0.206	0.627	0.657	0.211	0.209	0.613	0.645
23055	Newell Rubbermaid SCL9001372700 - 3 mm cell height	BSDF File	6	Newell Rubbermaid SCL9001372700_3.xml	0	0.128	0.928	0.552	0.0230	0	0.989	0.989	0.008	0.007	0.129	0.12	0.179	0.206
23056	Newell Rubbermaid SCL9001372700 - 8 mm cell height	BSDF File	6	Newell Rubbermaid SCL9001372700_8.xml	0	0.132	0.928	0.806	0.0071	0	0.997	0.997	0.003	0.003	0.240	0.230	0.354	0.36

Newell Rubbermaid

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
23057	Newell Rubbermaid SCL9001372700 - 14 mm cell height	BSDF File	6	Newell Rubbermaid SCL9001372700_14.xml	0	0.17	0.908	0.836	0.01	0	0.998	0.997	0.002	0.003	0.33	0.342	0.456	0.445
23058	Newell Rubbermaid SCL9001372700 - 20 mm cell height	BSDF File	6	Newell Rubbermaid SCL9001372700_20.xml	0	0.144	0.883	0.815	0.0200	0	0.999	0.998	0.001	0.002	0.365	0.431	0.530	0.456
23059	Newell Rubbermaid SCL9001372700 - 25 mm cell height	BSDF File	6	Newell Rubbermaid SCL9001372700_25.xml	0	0.107	0.862	0.793	0.0306	0	0.998	0.999	0.002	0.0007	0.372	0.429	0.569	0.515
23060	Newell Rubbermaid SCL9002990108 - 3 mm cell height	BSDF File	6	Newell Rubbermaid SCL9002990108_3.xml	0	0.124	0.932	0.596	0.0192	0	0.035	0.009	0.133	0.194	0.035	0.009	0.158	0.193
23061	Newell Rubbermaid SCL9002990108 - 8 mm cell height	BSDF File	6	Newell Rubbermaid SCL9002990108_8.xml	0	0.128	0.93	0.814	0.0051	0	0.095	0.063	0.281	0.414	0.099	0.069	0.327	0.411
23062	Newell Rubbermaid SCL9002990108 - 13 mm cell height	BSDF File	6	Newell Rubbermaid SCL9002990108_13.xml	0	0.156	0.915	0.823	0.0052	0	0.155	0.132	0.374	0.524	0.166	0.146	0.423	0.523
23063	Newell Rubbermaid SCL9002990108 - 18 mm cell height	BSDF File	6	Newell Rubbermaid SCL9002990108_18.xml	0	0.145	0.9	0.797	0.0084	0	0.198	0.182	0.439	0.585	0.216	0.2	0.490	0.585
23064	Newell Rubbermaid SCL9002990108 - 23 mm cell height	BSDF File	6	Newell Rubbermaid SCL9002990108_23.xml	0	0.098	0.884	0.768	0.0125	0	0.222	0.211	0.489	0.621	0.241	0.232	0.537	0.621
23065	Newell Rubbermaid SCL9003080219 - 3 mm cell height	BSDF File	6	Newell Rubbermaid SCL9003080219_3.xml	0	0.126	0.928	0.591	0.0212	0	0.046	0.009	0.034	0.189	0.047	0.01	0.085	0.190

Newell Rubbermaid

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
23066	Newell Rubbermaid SCL9003080219 - 8 mm cell height	BSDF File	6	Newell Rubbermaid SCL9003080219_8.xml	0	0.13	0.927	0.822	0.0055	0	0.095	0.045	0.087	0.399	0.107	0.06	0.194	0.400
23067	Newell Rubbermaid SCL9003080219 - 13 mm cell height	BSDF File	6	Newell Rubbermaid SCL9003080219_13.xml	0	0.157	0.912	0.838	0.005	0	0.123	0.082	0.135	0.497	0.153	0.117	0.273	0.504
23068	Newell Rubbermaid SCL9003080219 - 18 mm cell height	BSDF File	6	Newell Rubbermaid SCL9003080219_18.xml	0	0.151	0.895	0.817	0.0077	0	0.14	0.110	0.175	0.546	0.185	0.159	0.334	0.557
23069	Newell Rubbermaid SCL9003080219 - 23 mm cell height	BSDF File	6	Newell Rubbermaid SCL9003080219_23.xml	0	0.101	0.878	0.791	0.0115	0	0.149	0.128	0.211	0.576	0.202	0.184	0.383	0.589
23070	Newell Rubbermaid SCR7000970602 - 2 mm cell height	BSDF File	6	Newell Rubbermaid SCR7000970602_2.xml	0	0.125	0.881	0.498	0.048	0	0	0	0.108	0.125	0	0	0.11	0.122
23071	Newell Rubbermaid SCR7000970602 - 7 mm cell height	BSDF File	6	Newell Rubbermaid SCR7000970602_7.xml	0	0.129	0.909	0.834	0.0087	0	0	0	0.329	0.376	0	0	0.335	0.365
23072	Newell Rubbermaid SCR7000970602 - 12 mm cell height	BSDF File	6	Newell Rubbermaid SCR7000970602_12.xml	0	0.149	0.886	0.857	0.0033	0	0	0	0.479	0.538	0	0	0.485	0.525
23073	Newell Rubbermaid SCR7000970602 - 17 mm cell height	BSDF File	6	Newell Rubbermaid SCR7000970602_17.xml	0	0.132	0.856	0.841	0.0018	0	0	0	0.575	0.634	0	0	0.581	0.621
23074	Newell Rubbermaid SCR7000970602 - 22 mm cell height	BSDF File	6	Newell Rubbermaid SCR7000970602_22.xml	0	0.094	0.825	0.819	0.0010	0	0	0	0.640	0.695	0	0	0.646	0.683

Newell Rubbermaid

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
23075	Newell Rubbermaid SK07210670216 - 3 mm cell height	BSDF File	6	Newell Rubbermaid SK07210670216_3.xml	0	0.138	0.931	0.578	0.0233	0	0.006	0.002	0.018	0.185	0.007	0.005	0.072	0.183
23076	Newell Rubbermaid SK07210670216 - 9 mm cell height	BSDF File	6	Newell Rubbermaid SK07210670216_9.xml	0	0.145	0.936	0.829	0.005	0	0.02	0.014	0.055	0.406	0.044	0.041	0.189	0.409
23077	Newell Rubbermaid SK07210670216 - 15 mm cell height	BSDF File	6	Newell Rubbermaid SK07210670216_15.xml	0	0.190	0.916	0.838	0.0049	0	0.036	0.032	0.088	0.478	0.100	0.097	0.269	0.497
23078	Newell Rubbermaid SK07210670216 - 20 mm cell height	BSDF File	6	Newell Rubbermaid SK07210670216_20.xml	0	0.163	0.896	0.821	0.0074	0	0.049	0.046	0.113	0.494	0.140	0.139	0.319	0.529
23079	Newell Rubbermaid SK07210670216 - 26 mm cell height	BSDF File	6	Newell Rubbermaid SK07210670216_26.xml	0	0.103	0.871	0.798	0.0111	0	0.062	0.060	0.141	0.501	0.176	0.175	0.366	0.550

Nolan.UDA

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
2500	Horizon 90 Mesh Grey/Grey (WS)	BSDF File	6.1	Nolan_UDA-Horizon 90 Mesh Grey-Grey-oz24.xml	0	0.14	0.9	0.9	0.0002	0.0002	0.221	0.221	0.262	0.262	0.241	0.241	0.259	0.259

Nysan

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
6000	Hexcel Screen2 (S2) 3%, White Pearl (WS)	BSDF File	2	2011-SA9.XML	1	0.15	0.792	0.792	0.1140	0.114	0.153	0.168	0.618	0.441	0.185	0.199	0.569	0.436
6001	GreenScreen Eco 3%, Pewter Platinum (WS)	BSDF File	2	2011-SA2.XML	1	0.15	0.873	0.564	0.0625	0.062	0.040	0.040	0.113	0.113	0.095	0.095	0.32	0.32

Nysan

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
6002	GreenScreen Eco 3%, Charcoal Bronze (WS)	BSDF File	2	2011-SA4.XML	1	0.15	0.82	0.82	0.0935	0.094	0.087	0.087	0.146	0.146	0.333	0.333	0.291	0.291
6003	GreenScreen Eco Dual Tone 3%, Pewter Pearl (WS)	BSDF File	2	2011-SA3.XML	1	0.15	0.837	0.558	0.0643	0.064	0.154	0.154	0.401	0.401	0.328	0.328	0.329	0.329
6004	GreenScreen Eco 1%, Pearl (WS)	BSDF File	2	2011-SA11.XML	1	0.15	0.838	0.838	0.0812	0.081	0.238	0.238	0.321	0.321	0.379	0.379	0.421	0.421
6005	GreenScreen Eco 1%, Pewter (WS)	BSDF File	2	2011-SA12.XML	1	0.15	0.848	0.848	0.0662	0.066	0.095	0.089	0.106	0.117	0.329	0.327	0.328	0.332
6006	Satine 5500 5%, White Pearl (WS)	BSDF File	2	2011-SA1.XML	1	0.15	0.796	0.796	0.1092	0.109	0.096	0.094	0.482	0.56	0.118	0.116	0.465	0.526
6007	Satine 5500 5%, Dark Grey White (WS)	BSDF File	2	2011-SA5.XML	1	0.15	0.834	0.834	0.0737	0.074	0.079	0.078	0.317	0.433	0.109	0.108	0.327	0.415
6008	SuperScreen (300) 3%, White Pearl (WS)	BSDF File	2	2011-SA7.XML	1	0.15	0.856	0.856	0.0573	0.057	0.136	0.136	0.612	0.612	0.168	0.168	0.547	0.547
6009	SuperScreen 3%, Pewter (WS)	BSDF File	2	2011-SA8.XML	1	0.15	0.868	0.868	0.0468	0.047	0.045	0.045	0.170	0.170	0.088	0.088	0.208	0.208
6010	SuperTwill 3%, Bronze Linen Pewter (WS)	BSDF File	2	2011-SA10.XML	1	0.15	0.836	0.836	0.0656	0.066	0.074	0.067	0.220	0.374	0.106	0.098	0.226	0.356
6011	SuperWeave 5%, Pewter (WS)	BSDF File	2	2011-SA6.XML	1	0.15	0.823	0.823	0.0938	0.094	0.078	0.078	0.171	0.171	0.115	0.115	0.209	0.209
6012	Serge (Helioscreen) 3% 2165, Grey White (WS)	BSDF File	2	2011-SA82.XML	1	0.15	0.862	0.854	0.0519	0.052	0.069	0.067	0.316	0.434	0.095	0.092	0.329	0.420
6013	Serge 2165, Pearl White (WS)	BSDF File	2	2011-SA81.XML	1	0.15	0.84	0.832	0.0734	0.073	0.123	0.124	0.498	0.568	0.142	0.143	0.460	0.518
6014	Paradise 11600, White (WS)	BSDF File	2	2011-SA80.XML	1	0.15	0.882	0.882	0.0472	0.047	0.312	0.312	0.632	0.632	0.302	0.302	0.601	0.601

ODL

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
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ODL

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	εf	εb	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
22000	White Venetian Blind, 1.06" IG, Open (ODL)	Venetian	8															
22001	White Venetian Blind, 1.06" IG, Closed (ODL)	Venetian	8															
22002	White Venetian Blind, 1.06" IG, 45 (ODL)	Venetian	8															
22006	Espresso Veneitan Blind, 1" IG, Open (ODL)	Venetian	8															
22007	Espresso Venetian Blind, 1" IG, Closed (ODL)	Venetian	8															
22008	Espresso Venetian Blind, 1" IG, 45 (ODL)	Venetian	8															
22009	Sand Veneitan Blind, 1" IG, Open (ODL)	Venetian	8															
22010	Sand Venetian Blind, 1" IG, Closed (ODL)	Venetian	8															
22011	Sand Venetian Blind, 1" IG, 45 (ODL)	Venetian	8															
22012	Tan Veneitan Blind, 1" IG, Open (ODL)	Venetian	8															
22013	Tan Venetian Blind, 1" IG, Closed (ODL)	Venetian	8															
22014	Tan Venetian Blind, 1" IG, 45 (ODL)	Venetian	8															

ODL

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	εf	εb	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
22015	White Veneitan Blind, 1" IG, Open (ODL)	Venetian	8															
22016	White Venetian Blind, 1" IG, Closed (ODL)	Venetian	8															
22017	Whjite Venetian Blind, 1" IG, 45 (ODL)	Venetian	8															
22020	Espresso Veneitan Blind, 1.06" IG, Open (ODL)	Venetian	8															
22021	Espresso Venetian Blind, 1.06" IG, Closed (ODL)	Venetian	8															
22022	Espresso Venetian Blind, 1.06" IG, 45 (ODL)	Venetian	8															
22023	Sand Veneitan Blind, 1.06" IG, Open (ODL)	Venetian	8															
22024	Sand Venetian Blind, 1.06" IG, Closed (ODL)	Venetian	8															
22025	Sand Venetian Blind, 1.06" IG, 45 (ODL)	Venetian	8															
22026	Tan Veneitan Blind, 1.06" IG, Open (ODL)	Venetian	8															
22027	Tan Venetian Blind, 1.06" IG, Closed (ODL)	Venetian	8															
22028	Tan Venetian Blind, 1.06" IG, 45 (ODL)	Venetian	8															

Pella																		
ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
3000	Slim White VB Closed	Venetian	2															
3001	Slim White VB 45	Venetian	2															
3002	Slim White Open	Venetian	2															
3003	Slim Marine Closed	Venetian	2															
3004	Slim Marine 45	Venetian	2															
3005	Slim Marine Open	Venetian	2															

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ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
17000	sheerWeave 2360, P12 Oyster (WS)	BSDF File	2	2011-SA23.XML	1	0.15	0.778	0.778	0.1364	0.136	0.255	0.255	0.699	0.699	0.278	0.278	0.622	0.622
17001	sheerWeave 2703, P13 Oyster/Beige (WS)	BSDF File	2	2011-SA14.XML	1	0.15	0.817	0.817	0.0934	0.093	0.165	0.154	0.555	0.664	0.186	0.176	0.512	0.597
17002	sheerWeave 4000, V 10 Ebony (WS)	BSDF File	2	2011-SA13.XML	1	0.15	0.808	0.808	0.0988	0.099	0.070	0.070	0.035	0.035	0.071	0.071	0.034	0.034
17003	sheerWeave 4100,V07 Pewter (WS)	BSDF File	2	2011-SA15.XML	1	0.15	0.803	0.803	0.1042	0.104	0.101	0.101	0.316	0.316	0.108	0.108	0.293	0.293
17004	sheerWeave 5000,Q94 Tweed/Oatmeal (WS)	BSDF File	2	2011-SA42.XML	1	0.15	0.808	0.808	0.0725	0.073	0.079	0.079	0.314	0.377	0.113	0.112	0.319	0.419
17005	sheerWeave 7300,R29 Hide (WS)	BSDF File	2	2011-SA16.XML	1	0.15	0.86	0.87	0.0002	0.0002	1E-05	1E-05	0.807	0.17	6E-06	6E-06	0.731	0.446
17006	SunTex 80, Brown (WS)	BSDF File	2	2011-SA17.XML	1	0.15	0.670	0.670	0.2558	0.256	0.285	0.285	0.035	0.035	0.285	0.285	0.035	0.035
17007	SunTex 90, Black (WS)	BSDF File	2	2011-SA84.XML	1	0.15	0.782	0.782	0.1231	0.123	0.143	0.143	0.034	0.034	0.143	0.143	0.035	0.035
17008	SuperSolar Screening +, Charcoal (WS)	BSDF File	2	2011-SA83.XML	1	0.15	0.722	0.722	0.1898	0.19	0.147	0.147	0.047	0.047	0.147	0.147	0.051	0.051

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17009	sheerWeave 2390 Performance + Q20 Beige	BSDF File	4	2014-SC20.XML	0	0.15	0.162	0.793	0.0465	0.047	0.08	0.077	0.696	0.541	0.083	0.080	0.705	0.507
17010	sheerWeave 2410 Performance + P13 Oyster/Beige	BSDF File	4	2014-SC21.XML	0	0.15	0.203	0.831	5E-05	5E-05	0.053	0.053	0.704	0.651	0.055	0.055	0.714	0.601
17011	sheerWeave 2390 Performance + P13 Oyster/Beige	BSDF File	4	2014-SC22.XML	0	0.15	0.168	0.804	0.0279	0.028	0.082	0.080	0.704	0.65	0.084	0.083	0.713	0.594
17012	sheerWeave 2390 Performance + P12 Oyster	BSDF File	4	2014-SC23.XML	0	0.15	0.195	0.822	0.0386	0.039	0.084	0.081	0.687	0.742	0.086	0.083	0.697	0.665
17013	sheerWeave 2390 Performance + Q21 Beige/Pearl Gray	BSDF File	4	2014-SC24.XML	0	0.15	0.187	0.824	0.0234	0.023	0.077	0.072	0.689	0.453	0.08	0.074	0.698	0.423
17014	sheerWeave 2410 Performance + V20 Pearl Gray	BSDF File	4	2014-SC25.XML	0	0.15	0.142	0.828	0.0475	0.047	0.046	0.041	0.714	0.363	0.048	0.042	0.724	0.347
17015	sheerWeave 2410 Performance + Q20 Beige	BSDF File	4	2014-SC26.XML	0	0.15	0.179	0.831	0.023	0.023	0.059	0.055	0.702	0.556	0.062	0.058	0.712	0.525
17016	sheerWeave 2410 Performance + V21 Charcoal	BSDF File	4	2014-SC27.XML	0	0.15	0.171	0.845	0.0226	0.023	0.044	0.04	0.704	0.045	0.044	0.04	0.713	0.045
17017	sheerWeave 2390 Performance + V22 Charcoal Gray	BSDF File	4	2014-SC28.XML	0	0.15	0.176	0.805	0.0446	0.045	0.077	0.072	0.687	0.101	0.077	0.072	0.696	0.095
17018	sheerWeave 2390 Performance + P14 Oyster/Pearl Gray	BSDF File	4	2014-SC29.XML	0	0.15	0.161	0.814	0.0660	0.066	0.079	0.075	0.693	0.539	0.081	0.077	0.701	0.493
17019	sheerWeave 2390 Performance + V20 Pearl Gray	BSDF File	4	2014-SC30.XML	0	0.15	0.156	0.806	0.0218	0.022	0.068	0.063	0.716	0.356	0.07	0.064	0.726	0.34

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17020	sheerWeave 2410 Performance + Q21 Beige/Pearl Gray	BSDF File	4	2014-SC31.XML	0	0.15	0.183	0.810	0.0335	0.033	0.077	0.072	0.689	0.449	0.079	0.074	0.699	0.419
17021	sheerWeave 2410 Performance + P12 Oyster	BSDF File	4	2014-SC33.XML	0	0.15	0.21	0.862	0.0002	0.0002	0.049	0.048	0.703	0.779	0.050	0.049	0.712	0.699
17022	sheerWeave 2410 Performance + P14 Oyster/Pearl Gray	BSDF File	4	2014-SC34.XML	0	0.15	0.179	0.875	0.023	0.023	0.041	0.040	0.710	0.533	0.043	0.042	0.720	0.484
17023	sheerWeave 2390 Performance + V21 Charcoal	BSDF File	4	2014-SC35.XML	0	0.15	0.177	0.806	0.0482	0.048	0.083	0.074	0.681	0.044	0.084	0.074	0.691	0.044
17024	sheerWeave 2410 Performance + V22 Charcoal Gray	BSDF File	4	2014-SC36.XML	0	0.15	0.172	0.843	0.0227	0.023	0.045	0.041	0.697	0.109	0.046	0.041	0.706	0.101
17025	sheerWeave 2390 Performance + V24 CCL/Chestnut	BSDF File	4	2014-SC37.XML	0	0.15	0.185	0.784	0.0553	0.055	0.082	0.073	0.652	0.057	0.083	0.073	0.661	0.067
17026	sheerWeave 2410 Performance + V24 CCL/Chestnut	BSDF File	4	2014-SC38.XML	0	0.15	0.181	0.832	0.0006	0.0006	0.047	0.041	0.696	0.058	0.048	0.042	0.708	0.069

Ricky Richards

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
1000	Black, Close Weave (WS)	BSDF File	6.1	Ricky Richards-Black Close Weave-oz20.xml	0	0.14	0.9	0.9	0.0002	0.0002	0.045	0.045	0.066	0.066	0.045	0.045	0.061	0.061
1001	Black, Open Weave (WS)	BSDF File	6.1	Ricky Richards-Black Open Weave-oz21.xml	0	0.14	0.9	0.9	0.0002	0.0002	0.076	0.076	0.076	0.076	0.076	0.076	0.069	0.069

Shanghai King Shine Plastic M

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
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Shanghai King Shine Plastic M

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	εf	εb	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
24500	White Venetian Blind Open (Shanghai King Shine)	Venetian	7															
24501	White Venetian Blind Closed (Shanghai King Shine)	Venetian	7															
24502	White Venetian Blind 45 (Shanghai King Shine)	Venetian	7															

Shaw

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	εf	εb	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
1500	Alabaster 2772 (WS)	BSDF File	6.1	Shaw-Alabaster 2772- oz35.xml	0	0.14	0.9	0.9	0.0002	0.0002	0	0	0.826	0.826	7E-05	3E-05	0.759	0.673
1501	Urbanshade White 2685 (WS)	BSDF File	6.1	Shaw-Urbanshade White 2685-oz34.xml	0	0.14	0.9	0.9	0.0002	0.0002	0	0	0.850	0.850	0	0	0.798	0.739

Solar Comfort

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	εf	εb	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
18000	Solar Comfort Radiant Barrier	Perforated Screen	4															

Springs Windows Fashions

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	εf	εb	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
21000	Cocoon Mist 3812	BSDF File	4	2014-SC5.XML	0	0.15	0.761	0.761	7E-05	7E-05	0.0006	0.0006	0.605	0.721	0.001	0.001	0.662	0.720
21001	Solitude Coffee 1707	BSDF File	4	2014-SC6.XML	0	0.15	0.712	0.712	3E-05	3E-05	0.0001	0.0001	0.214	0.688	0.0003	0.0003	0.441	0.710
21002	Zest Spruce 2203	BSDF File	4	2014-SC7.XML	0	0.15	0.699	0.699	0.0973	0.097	0.389	0.459	0.345	0.544	0.429	0.461	0.432	0.536
21003	Iron Gate 2441	BSDF File	4	2014-SC8.XML	0	0.15	0.715	0.715	0.0875	0.087	0.122	0.465	0.082	0.553	0.282	0.466	0.303	0.547
21004	Daydream Camel	BSDF File	4	2014-SC9.XML	0	0.15	0.717	0.717	0.1269	0.127	0.438	0.605	0.241	0.391	0.467	0.608	0.257	0.386
21005	Ferrari FT381	BSDF File	4	2014-SC10.XML	0	0.15	0.507	0.623	0.2946	0.295	0.253	0.254	0.412	0.428	0.258	0.259	0.400	0.410

Trimlite

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
25000	White Venetian Blind Open (Trimlite)	Venetian	7															
25001	White Venetian Blind Closed (Trimlite)	Venetian	7															
25002	White Venetian Blind 45 (Trimlite)	Venetian	7															

Twitchell

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
19000	ShadeView, Light Grey (WS)	BSDF File	2	2011-SA19.XML	1	0.15	0.768	0.768	0.144	0.144	0.272	0.272	0.303	0.303	0.288	0.288	0.286	0.286
19001	Sunsure, Royal Blue (WS)	BSDF File	2	2011-SA20.XML	1	0.15	0.821	0.821	0.0732	0.073	0.087	0.087	0.109	0.109	0.201	0.201	0.303	0.303
19002	Textilene,awning White (WS)	BSDF File	2	2011-SA18.XML	1	0.15	0.829	0.829	0.0734	0.073	0.132	0.132	0.819	0.819	0.176	0.176	0.73	0.73
19003	Textilene 80, Black (WS)	BSDF File	2	2011-SA22.XML	1	0.15	0.645	0.645	0.2829	0.283	0.290	0.290	0.029	0.029	0.289	0.289	0.028	0.028
19004	Textilene 90, Black (WS)	BSDF File	2	2011-SA21.XML	1	0.15	0.781	0.781	0.1277	0.128	0.142	0.142	0.035	0.035	0.142	0.142	0.034	0.034

Uniline

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
4000	Uniview Charcoal	BSDF File	6.1	Uniline-Uniview Charcoal- oz61.xml	0	0.14	0.9	0.9	0.0002	0.0002	0.07	0.07	0.038	0.038	0.07	0.07	0.037	0.037

Verosol

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
20000	EnviroScreen 810/998, grey(dark)silver (WS)	BSDF File	2	2011-SA69.XML	1	0.15	0.688	0.293	0.1462	0.146	0.119	0.119	0.115	0.115	0.131	0.131	0.377	0.377

Verosol

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	O	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
20001	EnviroScreen 810/000, silver/silver (WS)	BSDF File	2	2011-SA70.XML	1	0.15	0.284	0.284	0.0984	0.098	0.155	0.155	0.543	0.543	0.155	0.155	0.537	0.537
20002	EnviroScreen 810/711, gold/silver (WS)	BSDF File	2	2011-SA71.XML	1	0.15	0.689	0.301	0.1469	0.147	0.141	0.141	0.508	0.508	0.143	0.143	0.529	0.529
20003	EnviroScreen 810/936, grey(light)/silver (WS)	BSDF File	2	2011-SA72.XML	1	0.15	0.68	0.282	0.1488	0.149	0.125	0.125	0.261	0.261	0.133	0.133	0.440	0.440
20004	SilverScreen EB01,black/silver (WS)	BSDF File	2	2011-SA73.XML	1	0.15	0.839	0.144	0.0664	0.066	0.041	0.041	0.054	0.054	0.041	0.041	0.052	0.052
20005	SilverScreen EB03,white+light grey/silver (WS)	BSDF File	2	2011-SA77.XML	1	0.15	0.843	0.164	0.0409	0.041	0.035	0.035	0.14	0.14	0.035	0.035	0.134	0.134
20006	SilverScreen EB04,black+brow n/silver (WS)	BSDF File	2	2011-SA76.XML	1	0.15	0.810	0.138	0.0675	0.067	0.040	0.040	0.064	0.064	0.040	0.040	0.065	0.065
20007	SilverScreen EC01,dark grey/silver (WS)	BSDF File	2	2011-SA79.XML	1	0.15	0.848	0.124	0.057	0.057	0.047	0.047	0.392	0.392	0.047	0.047	0.378	0.378
20008	SilverScreen EC02,dark+light grey/silver (WS)	BSDF File	2	2011-SA74.XML	1	0.15	0.841	0.171	0.0442	0.044	0.044	0.044	0.297	0.297	0.045	0.045	0.307	0.307
20009	SilverScreen ED03,light grey/silver (WS)	BSDF File	2	2011-SA78.XML	1	0.15	0.819	0.135	0.063	0.063	0.045	0.045	0.587	0.587	0.045	0.045	0.529	0.529
20010	SilverScreen ED04,tan+pearl/si lver (WS)	BSDF File	2	2011-SA75.XML	1	0.15	0.841	0.132	0.0593	0.059	0.042	0.042	0.586	0.586	0.043	0.043	0.562	0.562
20011	Silverscreen 205ED02	BSDF File	6.1	Verosol Silverscreen 205ED02-SE21.xml	0	0.3	0.881	0.117	0.02	0.02	0.046	0.046	0.679	0.679	0.047	0.047	0.633	0.633
20012	Silverscreen 205EC01	BSDF File	6.1	Verosol Silverscreen 205EC01-SE22rev.xml	0	0.3	0.106	0.861	0.02	0.02	0.053	0.048	0.742	0.378	0.054	0.048	0.762	0.358
20013	205-EB03	BSDF File	6.1	Verosol 205-EB03- SE23rev.xml	0	0.3	0.11	0.850	0.0541	0.054	0.053	0.045	0.743	0.131	0.053	0.045	0.763	0.124

Verosol																		
ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
20014	205-ED01	BSDF File	6.1	Verosol 205-ED01-SE24rev.xml	0	0.3	0.077	0.833	0.0492	0.049	0.059	0.054	0.762	0.770	0.060	0.054	0.783	0.693
20015	205-ED04	BSDF File	6.1	Verosol 205-ED04-SE25rev.xml	0	0.3	0.096	0.791	0.0735	0.073	0.059	0.053	0.758	0.557	0.060	0.054	0.774	0.534
20016	205-ED03	BSDF File	6.1	Verosol 205-ED03-SE26rev.xml	0	0.3	0.105	0.833	0.0524	0.052	0.057	0.052	0.746	0.587	0.057	0.052	0.766	0.535
20017	205-EB04	BSDF File	6.1	Verosol 205-EB04-SE27rev.xml	0	0.3	0.104	0.875	0.0354	0.035	0.054	0.046	0.743	0.064	0.055	0.046	0.762	0.064
20018	205-EB02	BSDF File	6.1	Verosol 205-EB02-SE28rev.xml	0	0.3	0.109	0.841	0.0547	0.055	0.045	0.039	0.757	0.088	0.049	0.039	0.783	0.092
20019	202-ED01	BSDF File	6.1	Verosol 202-ED01-SE29rev.xml	0	0.3	0.094	0.854	0.0233	0.023	0.03	0.026	0.749	0.813	0.028	0.027	0.77	0.741
20020	205-EC02	BSDF File	6.1	Verosol 205-EC02-SE31rev.xml	0	0.3	0.114	0.825	0.0567	0.057	0.052	0.045	0.746	0.286	0.053	0.046	0.767	0.293
20021	205-EB01	BSDF File	6.1	Verosol 205-EB01-SE32rev.xml	0	0.3	0.111	0.800	0.0875	0.088	0.045	0.04	0.749	0.054	0.045	0.04	0.764	0.053
20022	SWC M392	BSDF File	6.1	Verosol SWC M392-SE40rev.xml	0	0.3	0.103	0.771	0.1046	0.105	0.041	0.04	0.736	0.112	0.041	0.04	0.755	0.062
20023	304 CC20	BSDF File	6.1	Verosol 304 CC20-SE41rev.xml	0	0.3	0.109	0.721	0.1224	0.122	0.052	0.056	0.739	0.509	0.054	0.059	0.756	0.522
20024	805 000	BSDF File	6.1	Verosol 805 000-SE42rev.xml	0	0.3	0.272	0.786	0.0569	0.057	0.072	0.081	0.678	0.589	0.075	0.083	0.694	0.563
20025	805 711	BSDF File	6.1	Verosol 805 711-SE43rev.xml	0	0.3	0.211	0.774	0.0934	0.093	0.069	0.069	1.494	1.494	0.073	0.073	0.692	0.692
20026	805 765	BSDF File	6.1	Verosol 805 765-SE44rev.xml	0	0.3	0.216	0.766	0.0969	0.097	0.068	0.074	0.686	0.391	0.074	0.081	0.701	0.49
20027	802 765	BSDF File	6.1	Verosol 802 765-SE45rev.xml	0	0.3	0.216	0.827	0.052	0.052	0.029	0.037	0.706	0.431	0.034	0.043	0.725	0.528
20028	802 000	BSDF File	6.1	Verosol 802 000-SE46rev.xml	0	0.3	0.057	0.846	0.0411	0.041	0.034	0.033	0.713	0.623	0.036	0.035	0.73	0.596
20029	802 711	BSDF File	6.1	Verosol 802 711-SE47rev.xml	0	0.3	0.209	0.858	0.0452	0.045	0.032	0.04	0.707	0.518	0.036	0.044	0.724	0.553
20030	802 829	BSDF File	6.1	Verosol 802 829-SE48rev.xml	0	0.3	0.221	0.817	0.056	0.056	0.016	0.017	0.708	0.058	0.028	0.034	0.726	0.372
20031	802 936	BSDF File	6.1	Verosol 802 936-SE49rev.xml	0	0.3	0.206	0.795	0.0669	0.067	0.023	0.029	0.711	0.252	0.031	0.039	0.729	0.461

Verosol

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
20032	802 998	BSDF File	6.1	Verosol 802 998-SE50rev.xml	0	0.3	0.23	0.858	0.0164	0.016	0.013	0.016	0.719	0.094	0.025	0.031	0.736	0.394
20033	805 998	BSDF File	6.1	Verosol 805 998-SE51rev.xml	0	0.3	0.197	0.753	0.1095	0.11	0.052	0.054	0.69	0.105	0.064	0.071	0.706	0.381
20034	805 936	BSDF File	6.1	Verosol 805 936-SE52rev.xml	0	0.3	0.206	0.831	0.0615	0.061	0.058	0.063	0.692	0.230	0.068	0.075	0.707	0.437
20035	805 829	BSDF File	6.1	Verosol 805 829-SE53rev.xml	0	0.3	0.206	0.76	0.0918	0.092	0.055	0.054	0.681	0.044	0.070	0.075	0.699	0.348