

Peer Review : Submitted Product Measurements

Report Type	Summary Report
Total Manufacturers	10
Total Products	67
Date	Thursday, 02 July 2026 12:48PM

Manufacturer : 3M Corporation

Total products for this manufacturer : 2

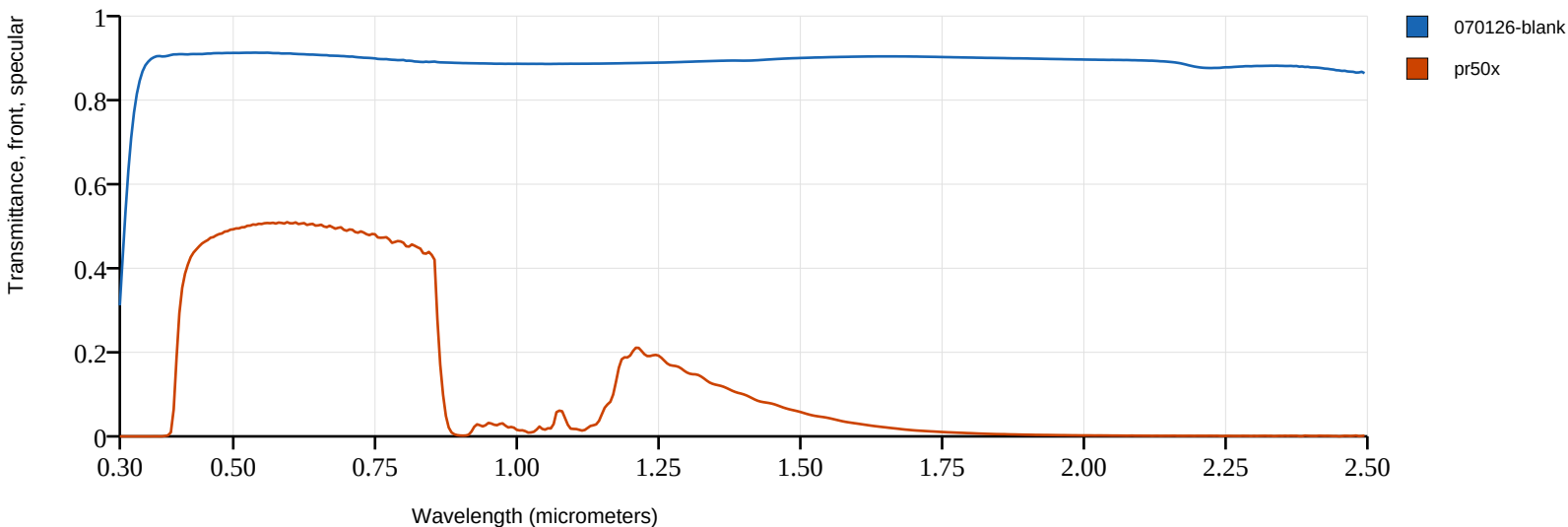
Product Table

(Values are direct-hemispherical)

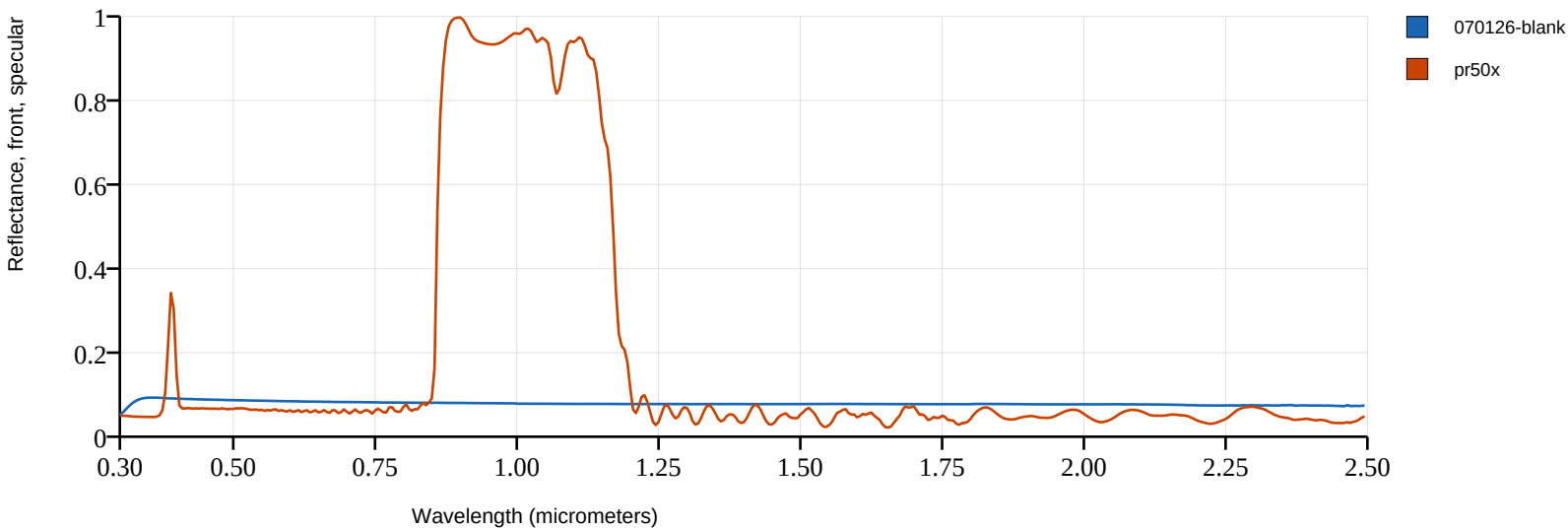
Data Filename	Product Name	Subtype	NFRC	Coated Side	Thickness (mm)	Tfsol	Rfsol	Rbsol	Tfvis	Rfvis	Rbvis	Ef	Eb
070126_Blank .mmm	070126_Blank	MONOLITHIC	0	NOT_APPLICABLE	3.156	0.899	0.082	0.082	0.912	0.086	0.085	0.845	0.845
PR50X.mmm	Prestige 50 Exterior	APPLIED_FILM	2823	FRONT	3.239	0.297	0.235	0.083	0.503	0.064	0.063	0.849	0.901

Product Graphs

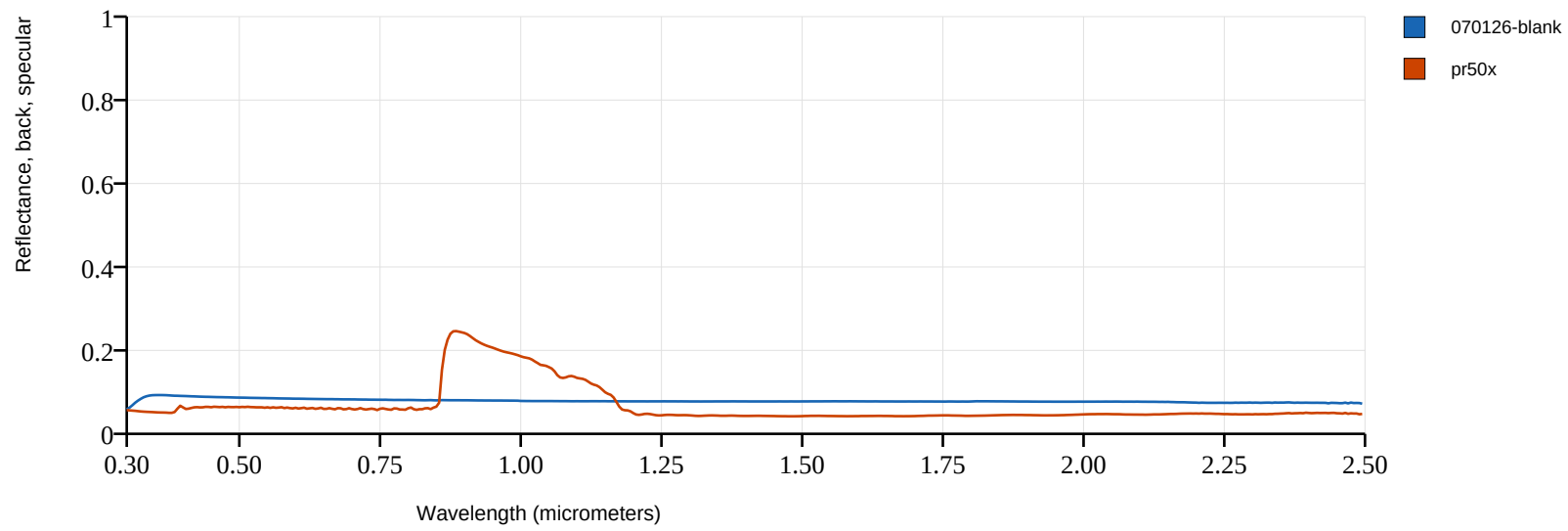
SOLAR - Tf 3M Corporation



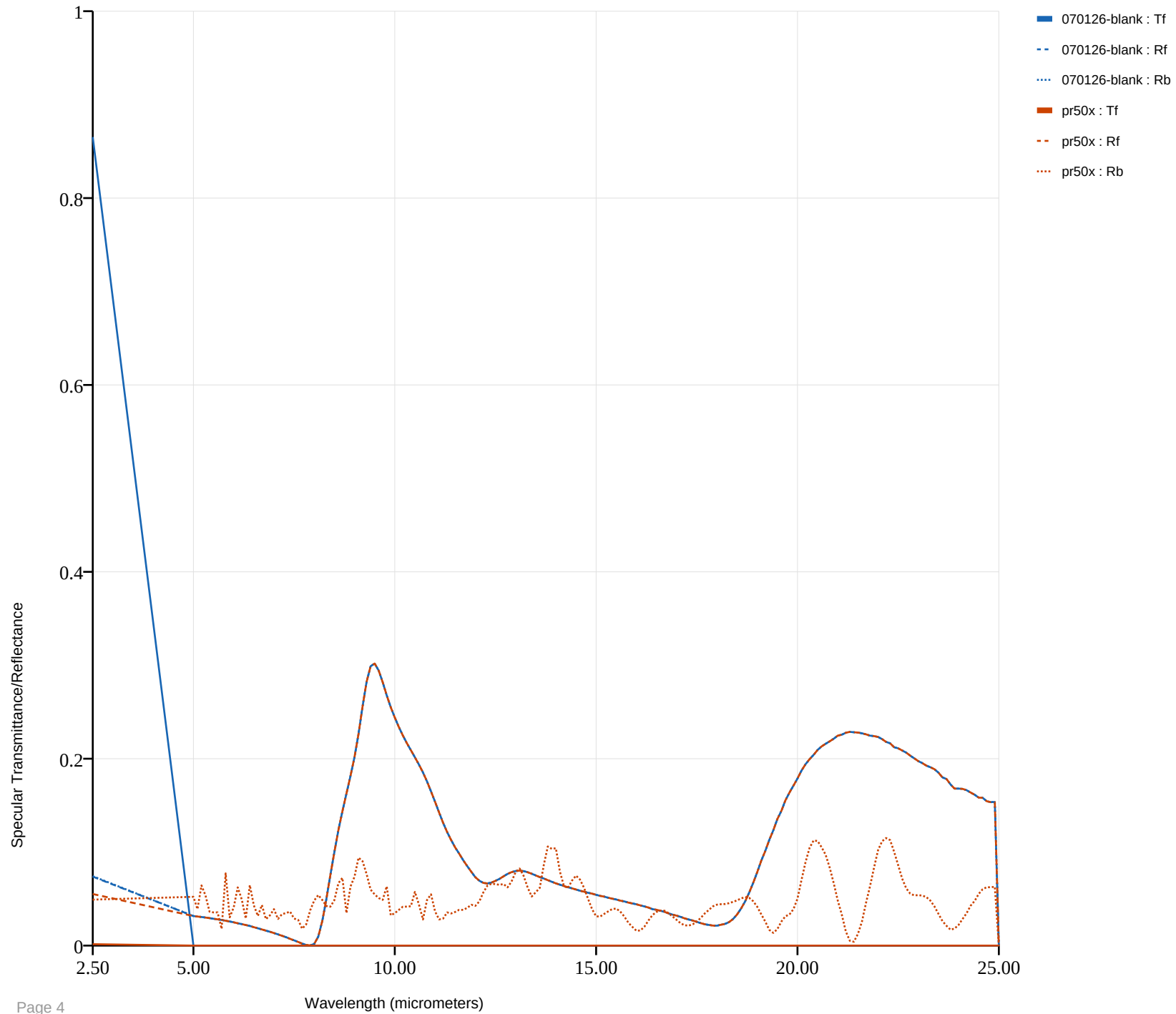
SOLAR - Rf 3M Corporation



SOLAR - Rb 3M Corporation



IR : 3M Corporation



Manufacturer : BEIJING WUHUATIANBAO GLASS CO.,LTD

Total products for this manufacturer : 1

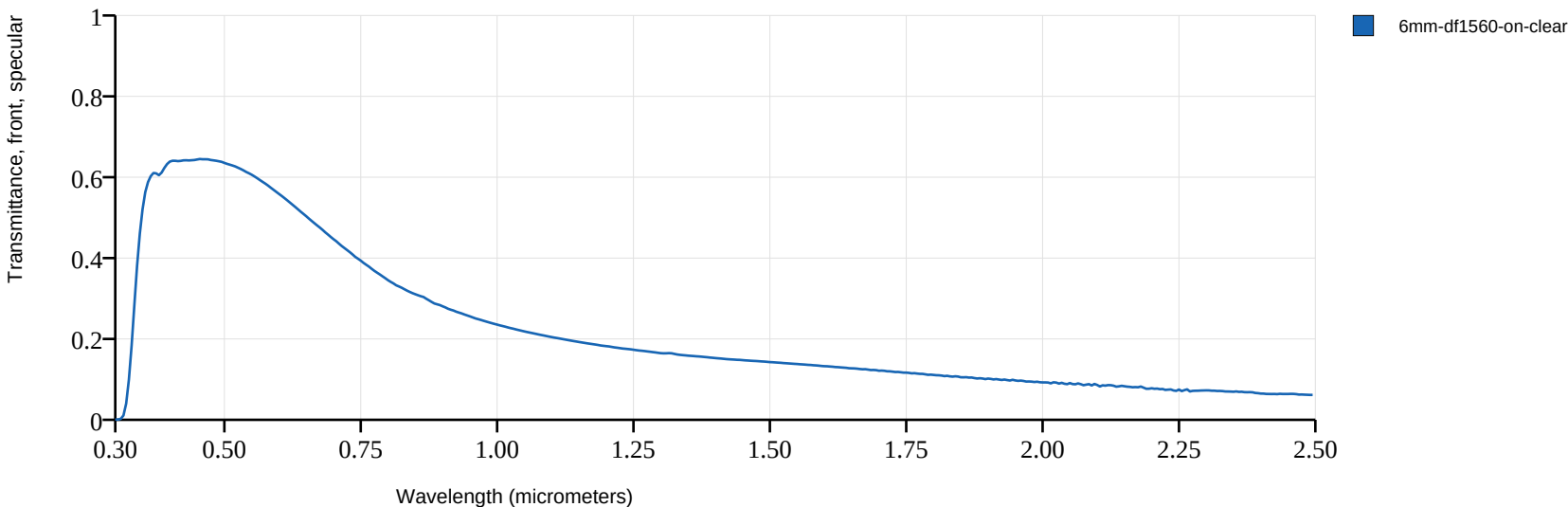
Product Table

(Values are direct-hemispherical)

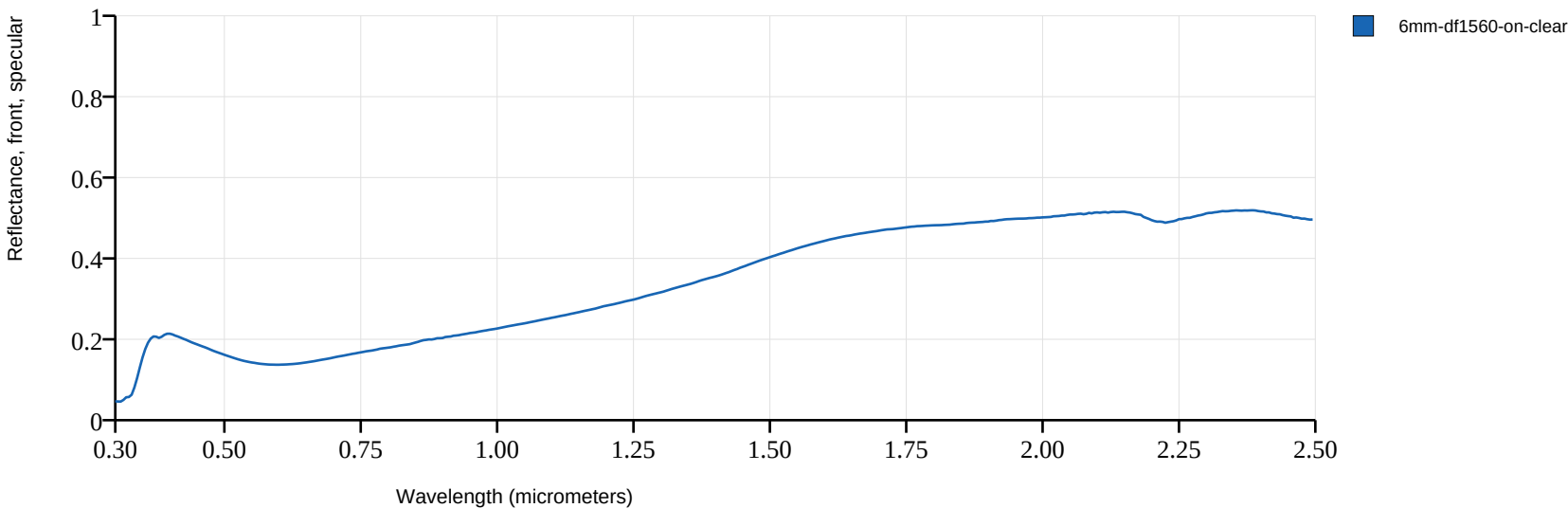
Data Filename	Product Name	Subtype	NFRC	Coated Side	Thickness (mm)	Tfsol	Rfsol	Rbsol	Tfvis	Rfvis	Rbvis	Ef	Eb
6mm DF1560 on clear.WHG	6mm DF1560 on clear	COATED	17463	BACK	5.840	0.384	0.224	0.262	0.595	0.146	0.035	0.844	0.117

Product Graphs

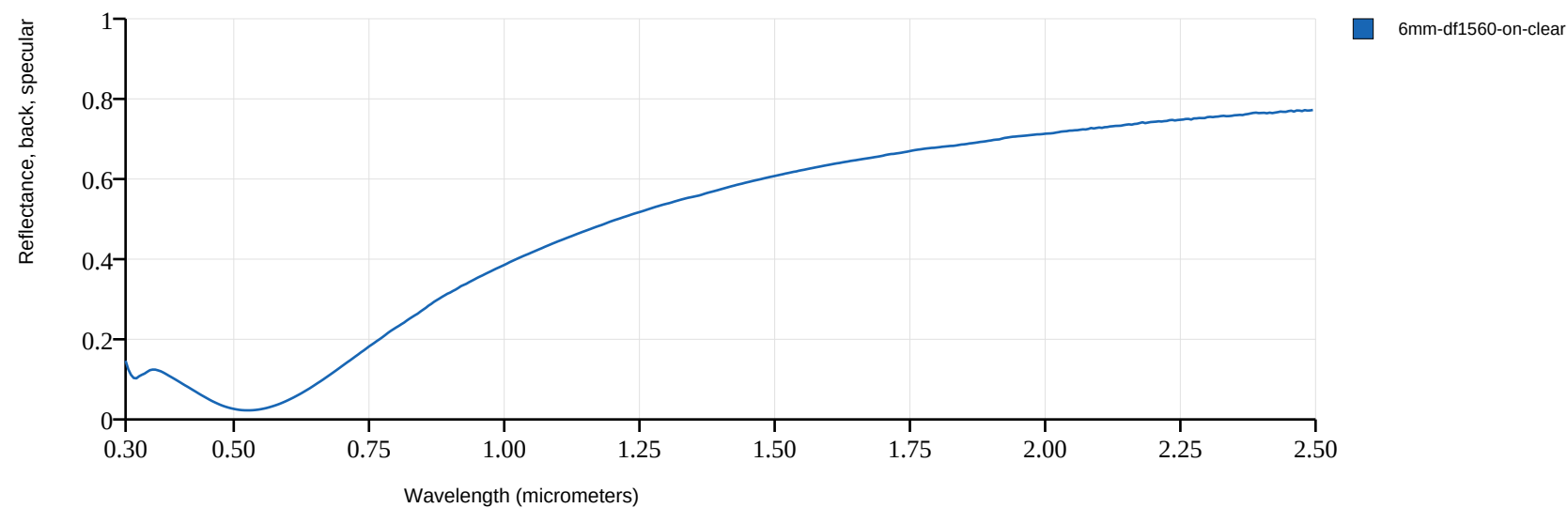
SOLAR - Tf BEIJING WUHUATIANBAO GLASS CO.,LTD



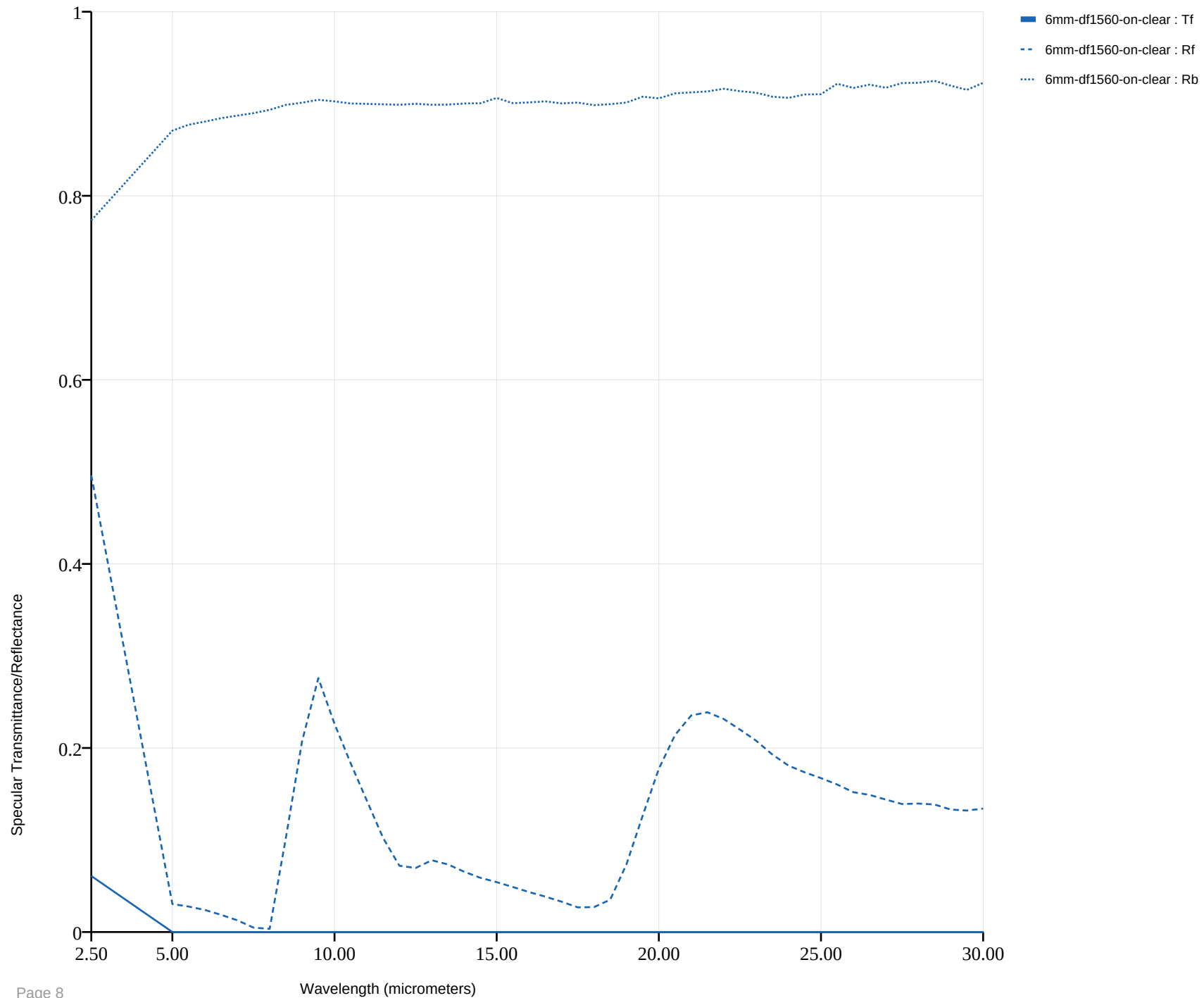
SOLAR - Rf BEIJING WUHUATIANBAO GLASS CO.,LTD



SOLAR - Rb BEIJING WUHUATIANBAO GLASS CO.,LTD



IR : BEIJING WUHUATIANBAO GLASS CO.,LTD



Manufacturer : Glas Trösch AG

Total products for this manufacturer : 10

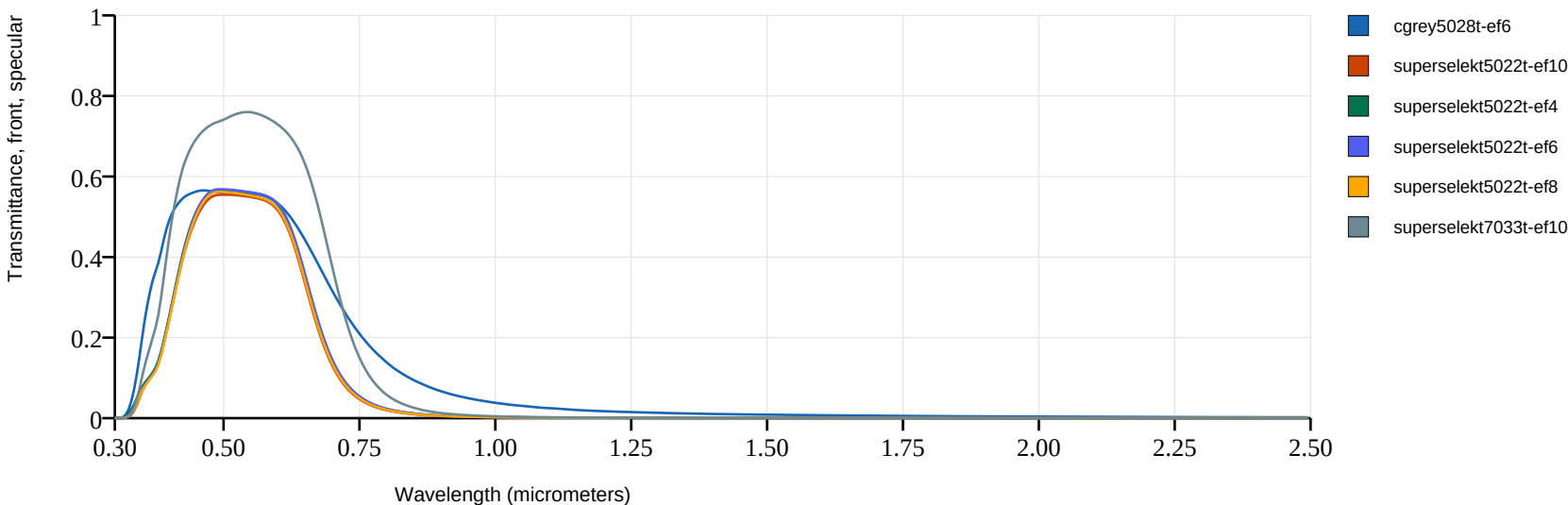
Product Table

(Values are direct-hemispherical)

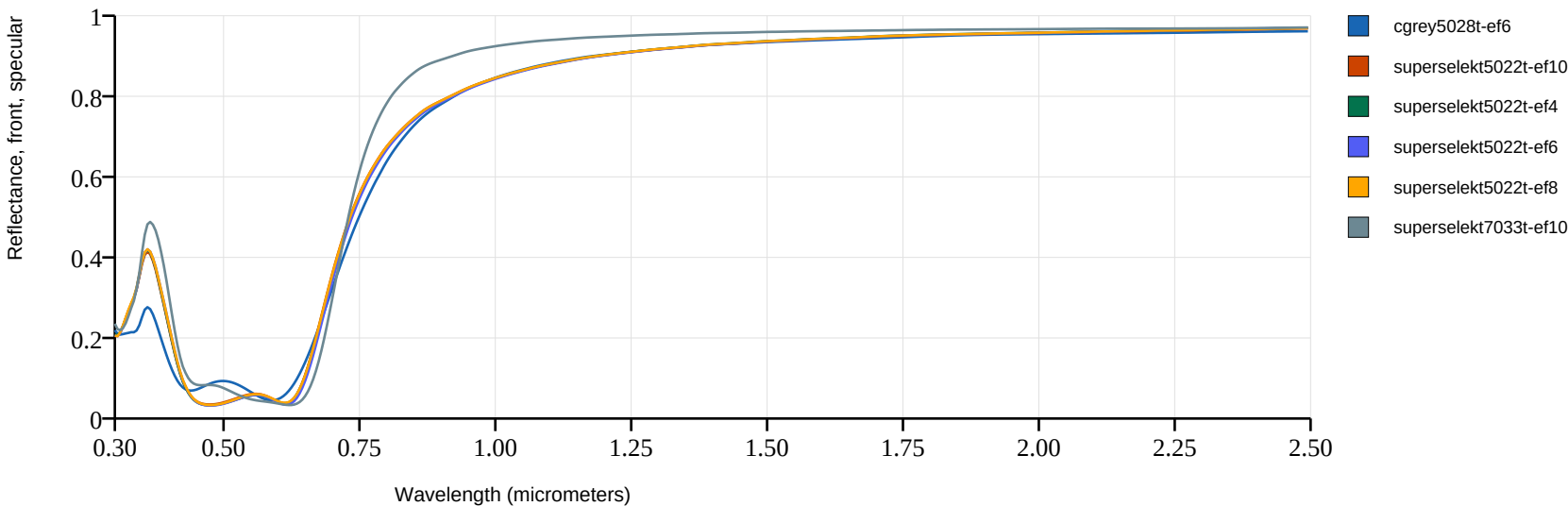
Data Filename	Product Name	Subtype	NFRC	Coated Side	Thickness (mm)	Tfsol	Rfsol	Rbsol	Tfvis	Rfvis	Rbvis	Ef	Eb
CGrey50T_EF6.GTS	COMBI Grey 50 T on Clear EUROFLOAT 6 mm	COATED	14346	FRONT	5.800	0.253	0.502	0.298	0.546	0.070	0.097	0.031	0.846
SUPERSELEKT5022T_EF10.GTS	SUPERSELEKT 50/22 T on Clear EUROFLOAT 10 mm	COATED	14580	FRONT	9.800	0.189	0.507	0.351	0.531	0.054	0.105	0.024	0.846
SUPERSELEKT5022T_EF4.GTS	SUPERSELEKT 50/22 T on Clear EUROFLOAT 4 mm	COATED	14584	FRONT	3.800	0.195	0.505	0.443	0.542	0.051	0.105	0.023	0.846
SUPERSELEKT5022T_EF6.GTS	SUPERSELEKT 50/22 T on Clear EUROFLOAT 6 mm	COATED	14586	FRONT	5.800	0.196	0.502	0.410	0.544	0.050	0.102	0.023	0.846
SUPERSELEKT5022T_EF8.GTS	SUPERSELEKT 50/22 T on Clear EUROFLOAT 8 mm	COATED	14588	FRONT	7.800	0.191	0.507	0.381	0.535	0.053	0.105	0.024	0.846
SUPERSELEKT7033T_EF10.GTS	SUPERSELEKT 70/33 T on Clear EUROFLOAT 10 mm	COATED	14680	FRONT	9.800	0.295	0.540	0.344	0.741	0.051	0.075	0.024	0.846
SUPERSELEKT7033T_EF4.GTS	SUPERSELEKT 70/33 T on Clear EUROFLOAT 4 mm	COATED	14684	FRONT	3.800	0.307	0.540	0.441	0.756	0.052	0.076	0.023	0.846
SUPERSELEKT7033T_EF6.GTS	SUPERSELEKT 70/33 T on Clear EUROFLOAT 6 mm	COATED	14686	FRONT	5.800	0.305	0.540	0.406	0.754	0.051	0.075	0.023	0.846
SUPERSELEKT7033T_EF8.GTS	SUPERSELEKT 70/33 T on Clear EUROFLOAT 8 mm	COATED	14688	FRONT	7.800	0.298	0.539	0.370	0.745	0.050	0.074	0.024	0.846
CBlue30T_EF6.GTS	COMBI Blue 30 T on Clear EUROFLOAT 6 mm	COATED	14966	FRONT	5.800	0.158	0.415	0.209	0.332	0.068	0.087	0.032	0.846

Product Graphs

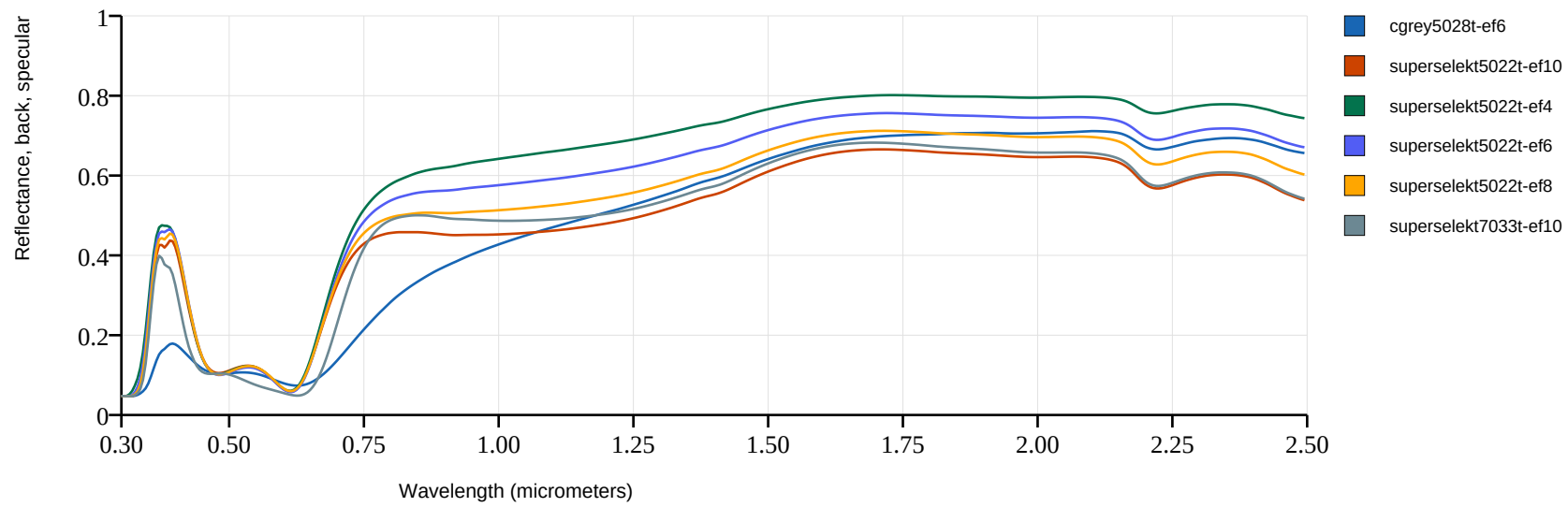
SOLAR - Tf Glas Trösch AG



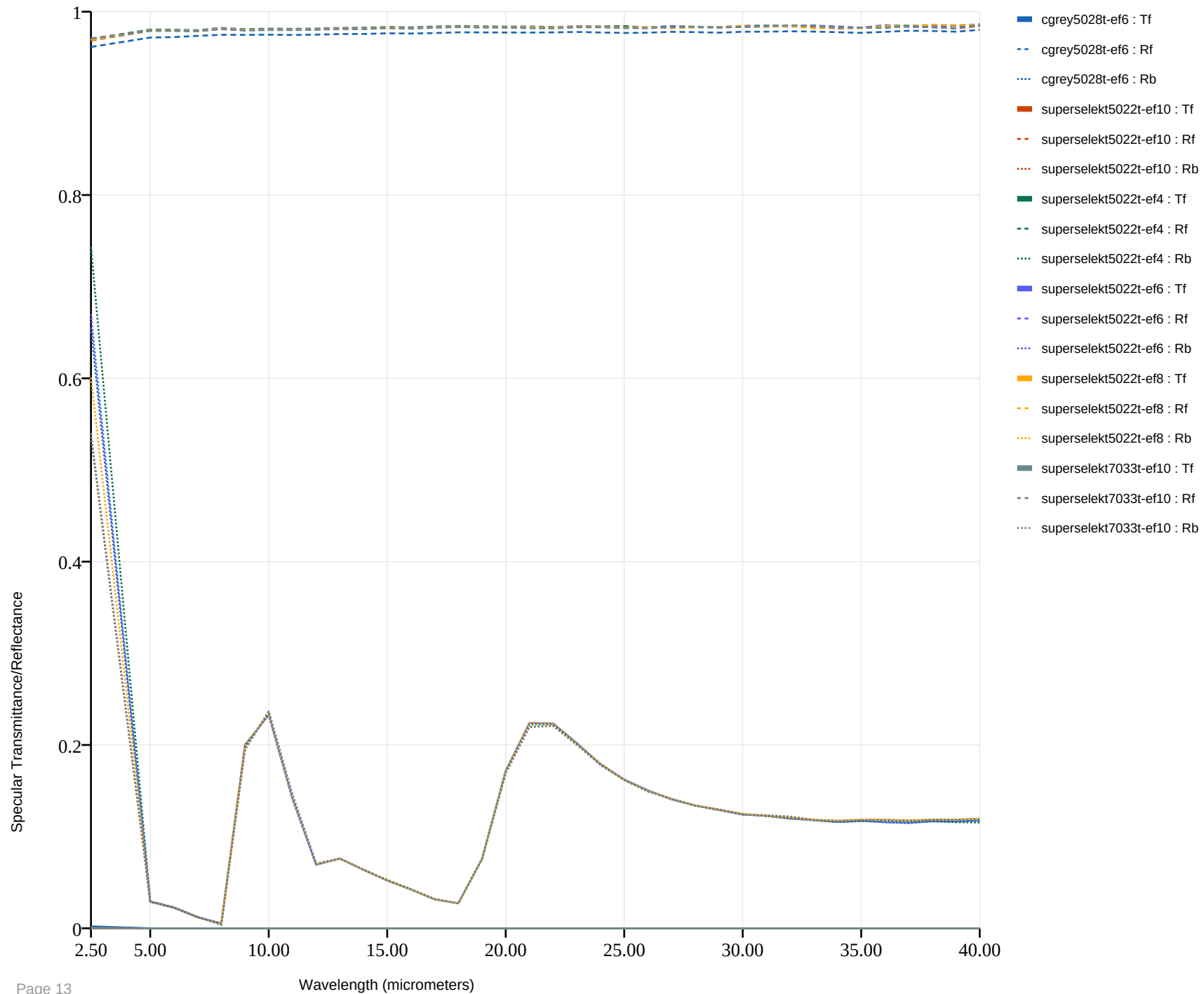
SOLAR - Rf Glas Trösch AG



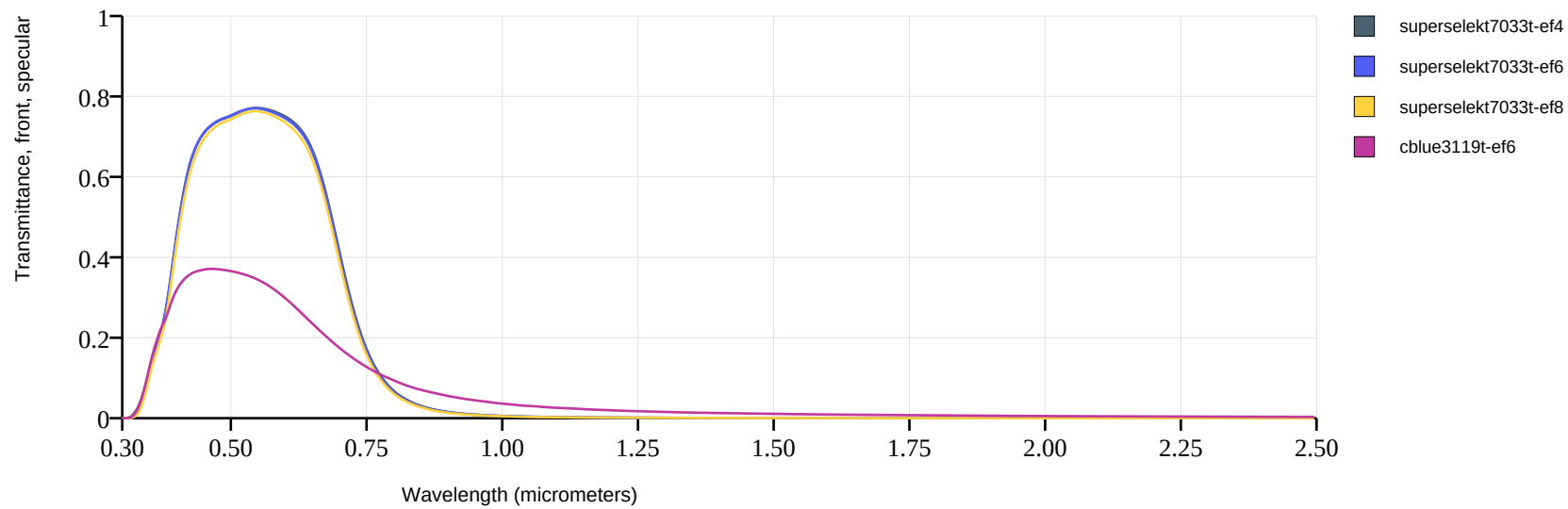
SOLAR - Rb Glas Trösch AG



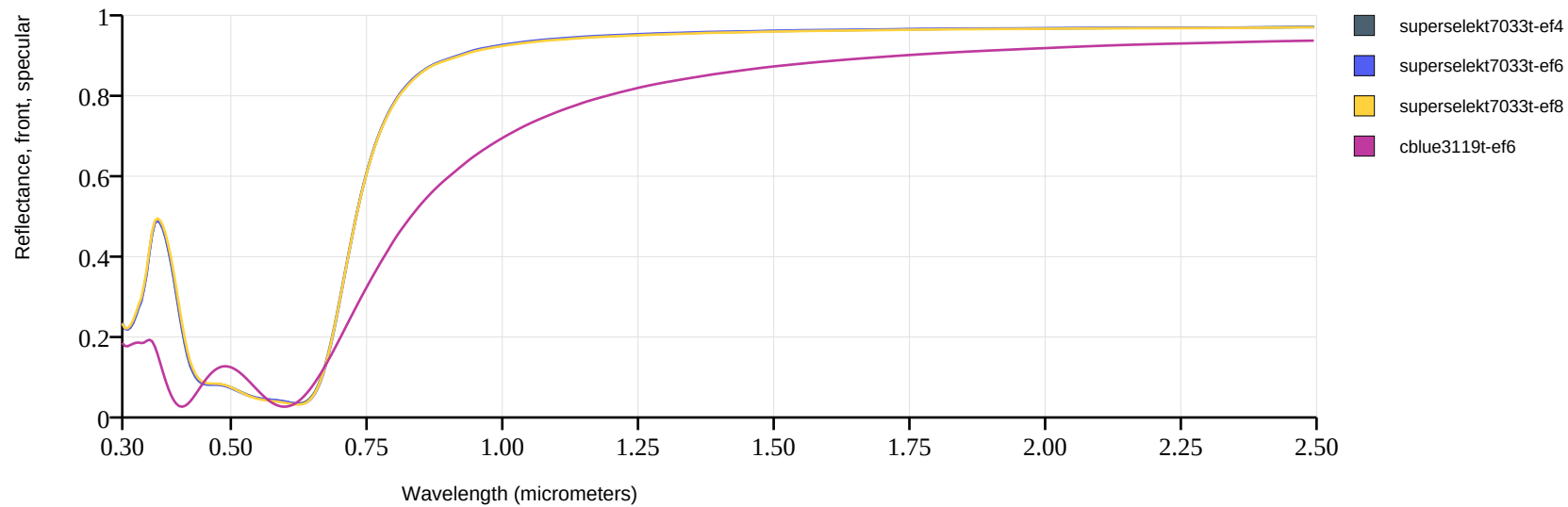
IR : Glas Trösch AG



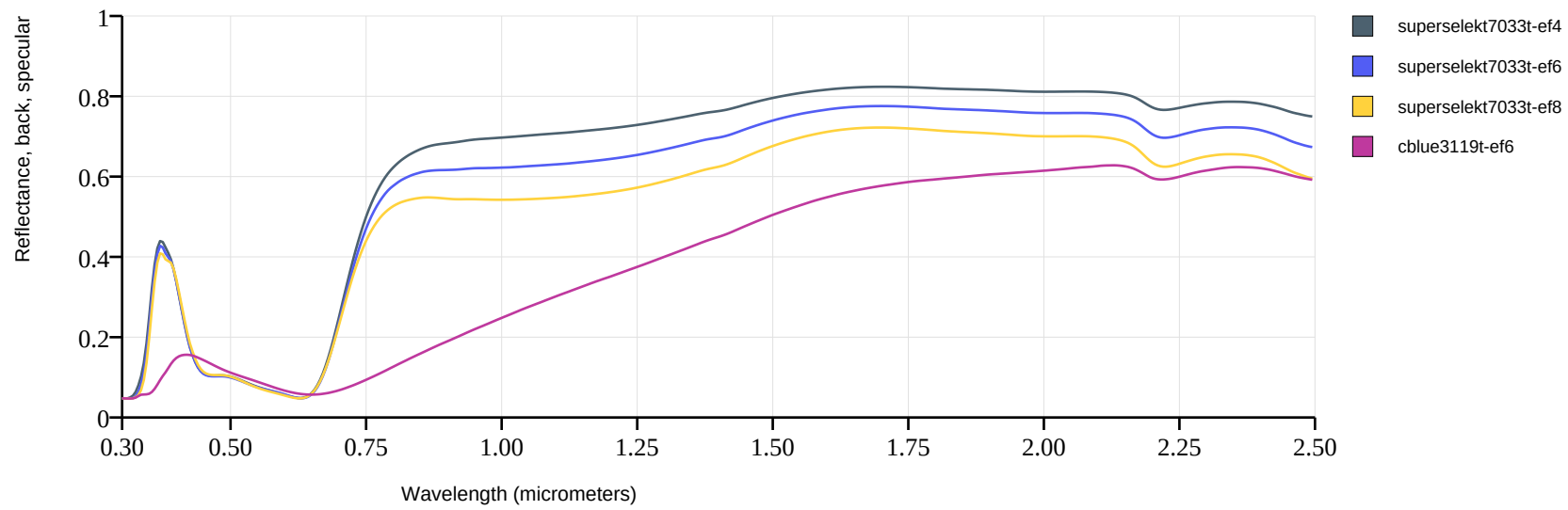
SOLAR - Tf Glas Trösch AG : Group 2



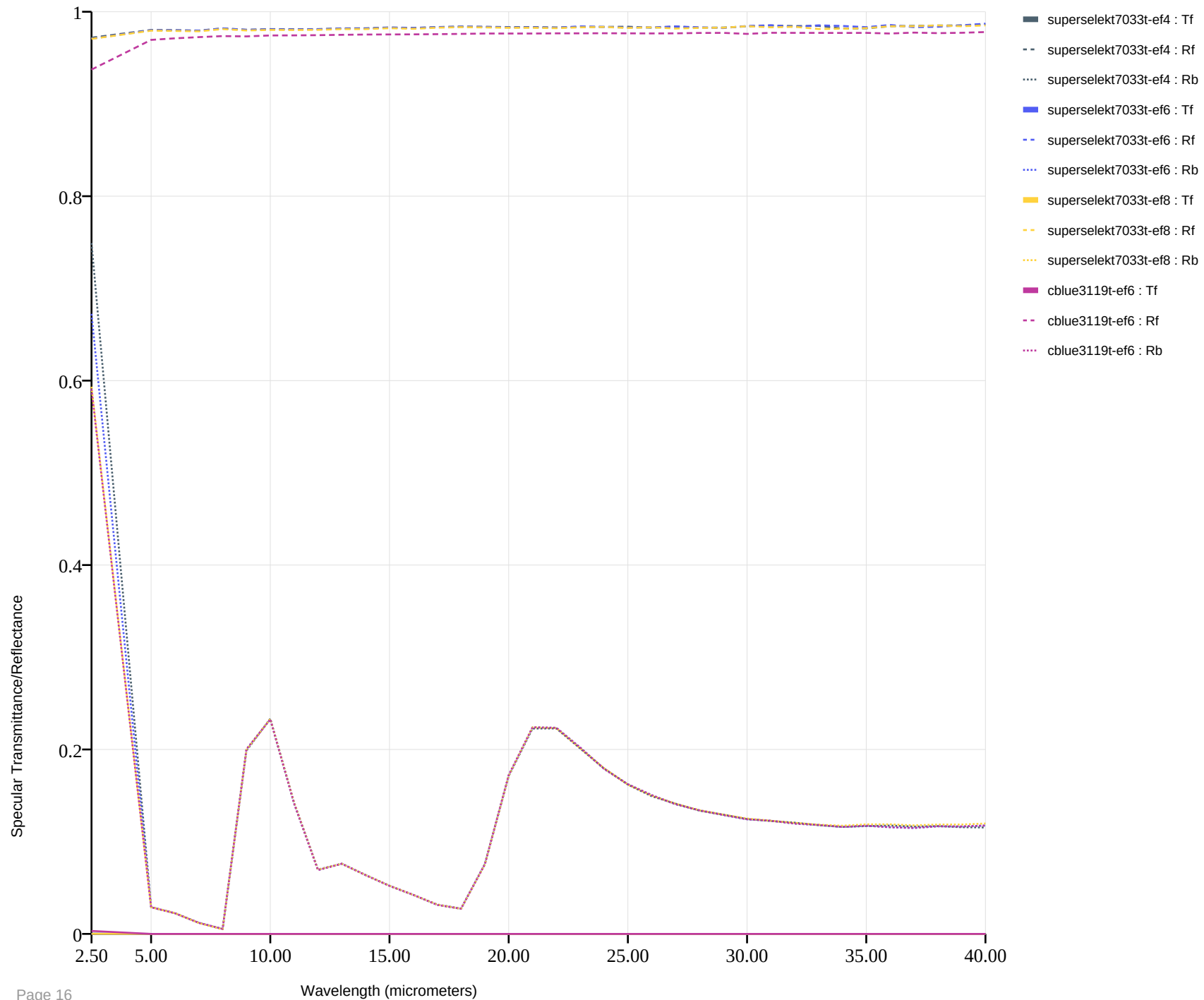
SOLAR - Rf Glas Trösch AG : Group 2



SOLAR - Rb Glas Trösch AG : Group 2



IR : Glas Trösch AG : Group 2



Manufacturer : Global Window Films

Total products for this manufacturer : 21

Product Table

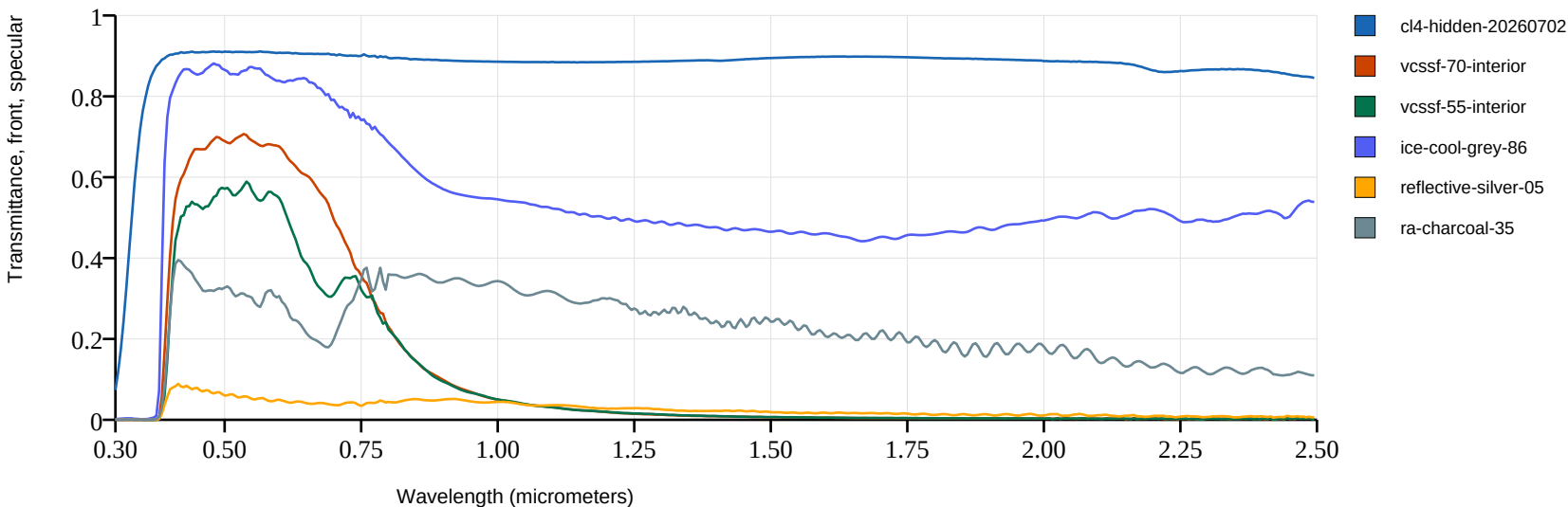
(Values are direct-hemispherical)

Data Filename	Product Name	Subtype	NFRC	Coated Side	Thickness (mm)	Tfsol	Rfsol	Rbsol	Tfvis	Rfvis	Rbvis	Ef	Eb
CL4_Hidden_20260702.gwf	Substrate	MONOLITHIC	0	NOT_APPLICABLE	3.844	0.895	0.079	0.081	0.909	0.081	0.083	0.844	0.843
VCSSF 70 Interior.gwf	VCSSF 70 Interior	APPLIED_FILM	20528	BACK	3.929	0.321	0.366	0.116	0.681	0.089	0.088	0.843	0.677
VCSSF 55 Interior.gwf	VCSSF 55 Interior	APPLIED_FILM	20529	BACK	3.977	0.255	0.374	0.112	0.548	0.078	0.072	0.842	0.680
Ice Cool Grey 86.gwf	Ice Cool Grey 86	APPLIED_FILM	20530	BACK	3.924	0.671	0.079	0.078	0.857	0.095	0.096	0.841	0.915
Reflective Silver 05.gwf	Reflective Silver 05	APPLIED_FILM	20531	BACK	3.972	0.042	0.726	0.771	0.053	0.763	0.780	0.847	0.634
RA Charcoal 35.gwf	RA Charcoal 35	APPLIED_FILM	20532	BACK	3.925	0.284	0.314	0.284	0.300	0.288	0.178	0.848	0.700
Reflective Grey 20.gwf	Reflective Grey 20	APPLIED_FILM	20533	BACK	3.962	0.334	0.169	0.150	0.234	0.149	0.069	0.847	0.772
Reflective Grey 35.gwf	Reflective Grey 35	APPLIED_FILM	20534	BACK	3.961	0.467	0.099	0.104	0.391	0.067	0.089	0.846	0.835
Reflective Gold 15.gwf	Reflective Gold 15	APPLIED_FILM	20535	BACK	3.919	0.149	0.505	0.568	0.184	0.437	0.539	0.848	0.636
Reflective Grey 10 AMS.gwf	Reflective Grey 10 AMS	APPLIED_FILM	20536	BACK	3.974	0.108	0.529	0.378	0.082	0.527	0.124	0.847	0.660
Ext NF Charcoal 20.gwf	Ext NF Charcoal 20	APPLIED_FILM	20537	FRONT	3.946	0.204	0.270	0.208	0.218	0.217	0.160	0.748	0.843
4 Mil Ext Safety Film.gwf	4 Mil Ext Safety Film	APPLIED_FILM	20538	FRONT	3.981	0.866	0.087	0.087	0.898	0.092	0.092	0.936	0.842
HP Blue 35.gwf	HP Blue 35	APPLIED_FILM	20539	BACK	3.912	0.498	0.101	0.108	0.463	0.095	0.084	0.845	0.847

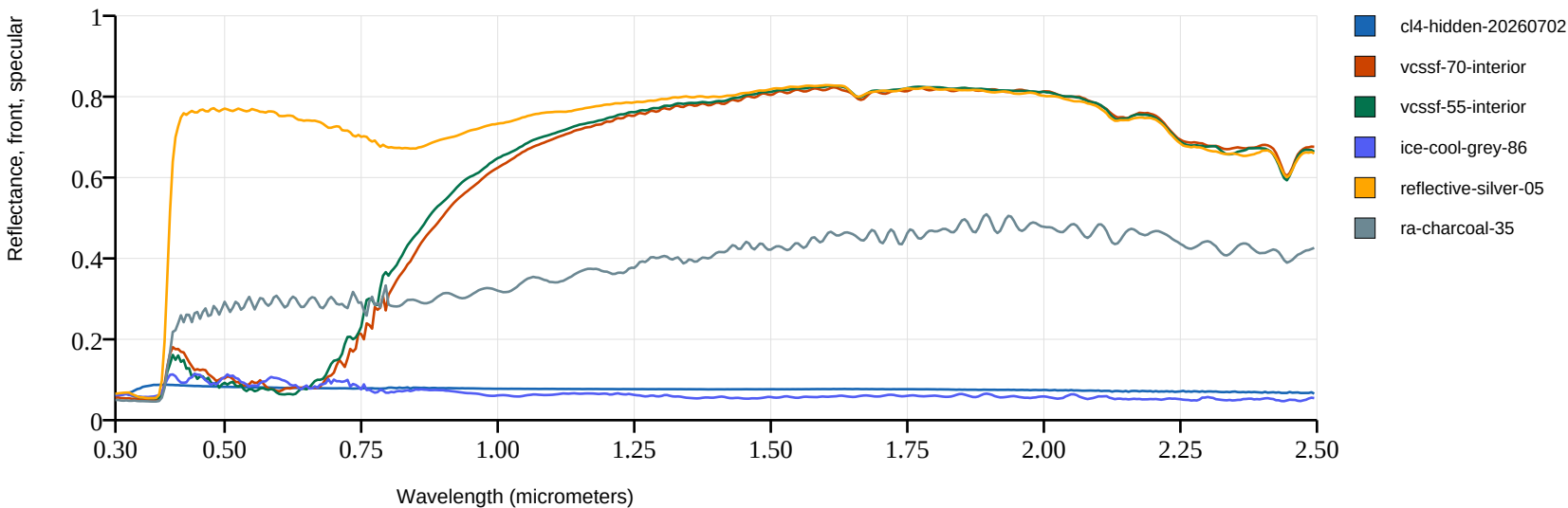
Data Filename	Product Name	Subtype	NFRC	Coated Side	Thickness (mm)	Tfsol	Rfsol	Rbsol	Tfvis	Rfvis	Rbvis	Ef	Eb
Bronze Reflective 30.gwf	Bronze Reflective 30	APPLIED_FILM	20540	BACK	3.911	0.360	0.167	0.194	0.316	0.095	0.167	0.846	0.756
4 Mil Safety Film.gwf	4 Mil Safety Film	APPLIED_FILM	20541	BACK	3.996	0.855	0.093	0.093	0.888	0.100	0.098	0.846	0.917
7 Mil Safety Film.gwf	7 Mil Safety Film	APPLIED_FILM	20542	BACK	4.068	0.858	0.088	0.089	0.892	0.096	0.095	0.847	0.930
8 Mil Safety Film.gwf	8 Mil Safety Film	APPLIED_FILM	20543	BACK	4.112	0.854	0.090	0.090	0.890	0.096	0.096	0.846	0.926
12 Mil Safety Film.gwf	12 Mil Safety Film	APPLIED_FILM	20544	BACK	4.220	0.843	0.093	0.093	0.884	0.101	0.100	0.844	0.932
C 4 R Silver 20.gwf	C 4 R Silver 20	APPLIED_FILM	20545	BACK	4.074	0.162	0.533	0.580	0.209	0.539	0.561	0.844	0.684
4 Mil CH 20 Safety.gwf	4 Mil CH 20 Safety	APPLIED_FILM	20546	BACK	3.962	0.543	0.065	0.068	0.209	0.046	0.049	0.847	0.928
4 Mil CH 35 Safety.gwf	4 Mil CH 35 Safety	APPLIED_FILM	20547	BACK	3.981	0.594	0.079	0.073	0.333	0.067	0.055	0.845	0.925

Product Graphs

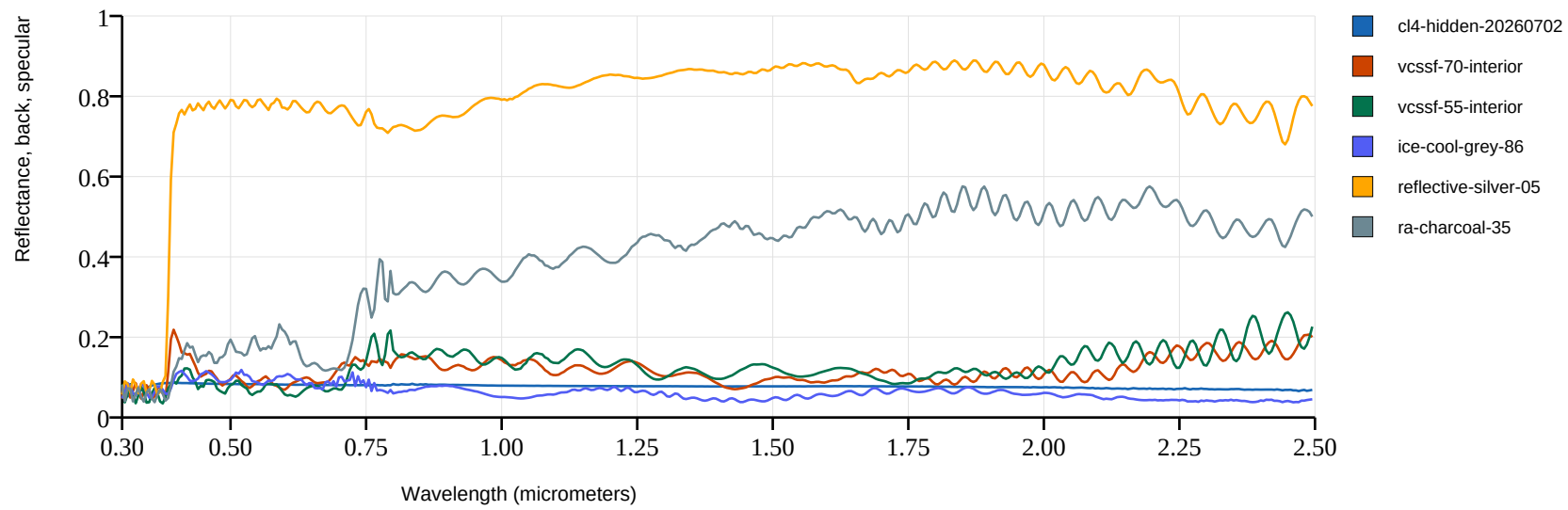
SOLAR - Tf Global Window Films



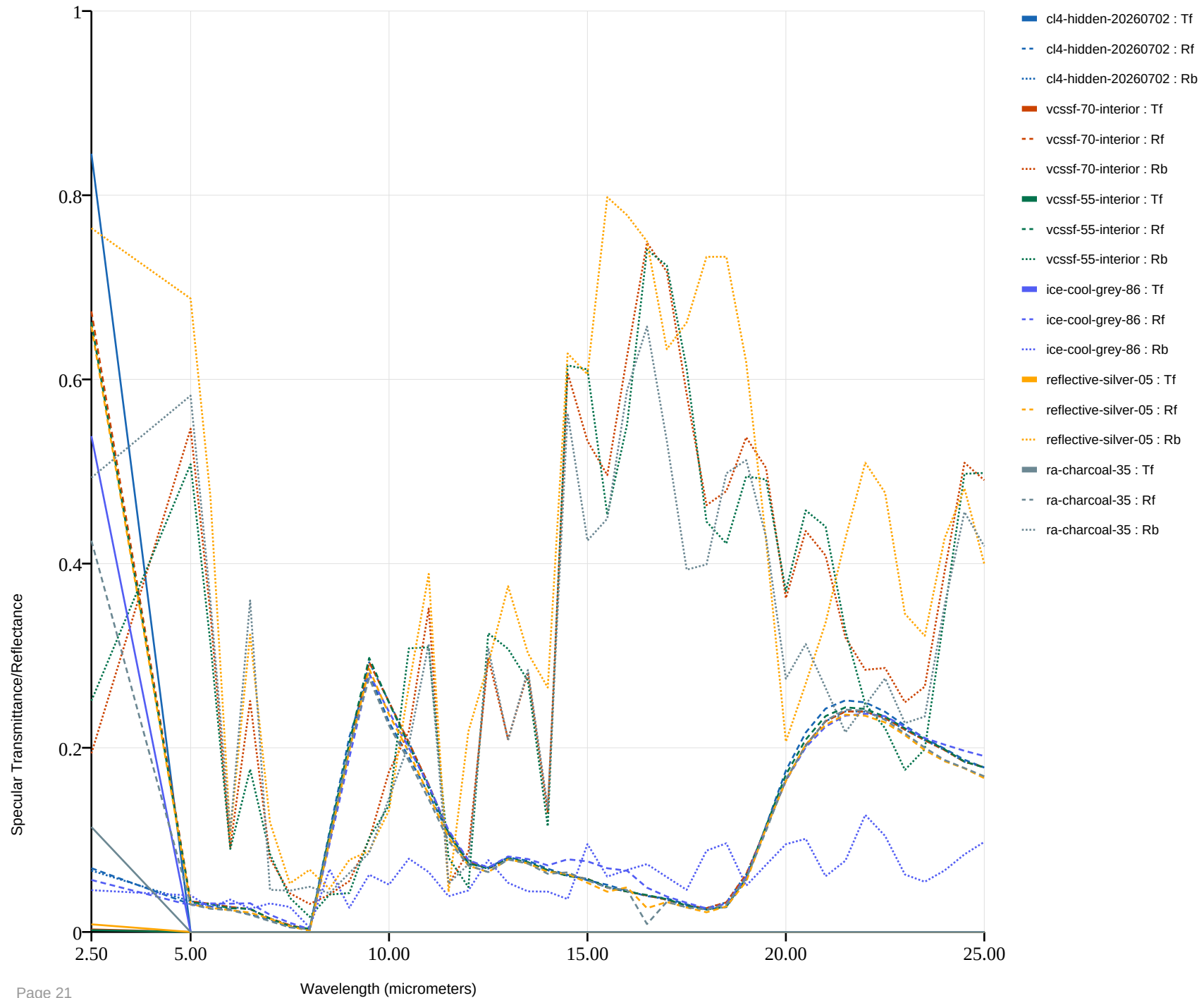
SOLAR - Rf Global Window Films



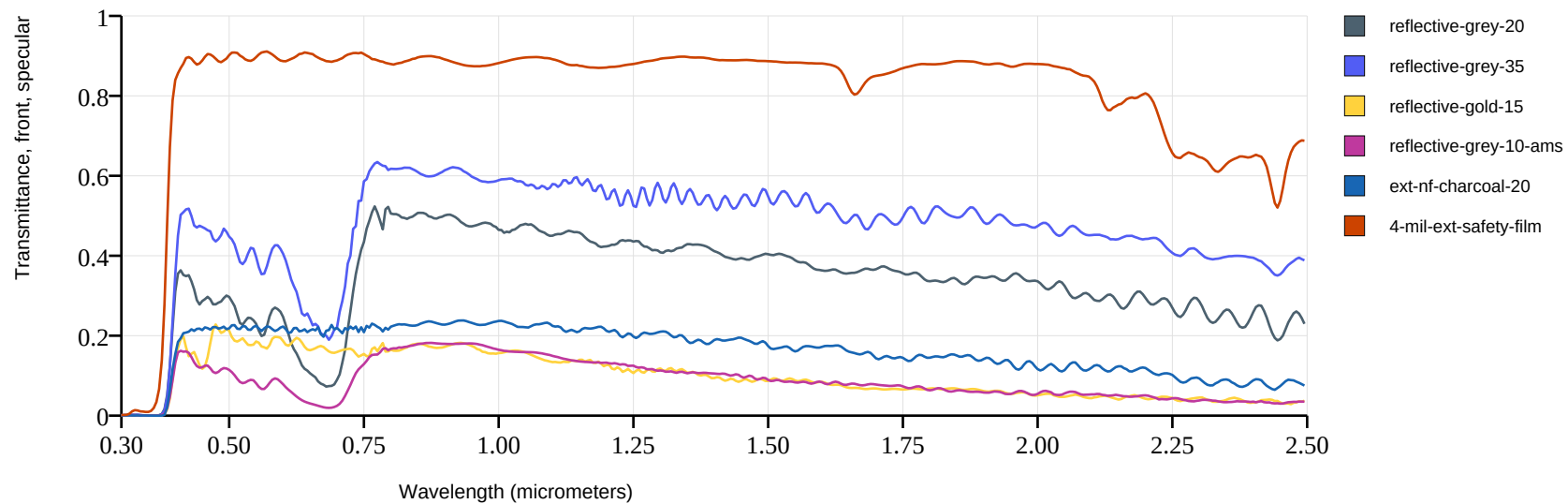
SOLAR - Rb Global Window Films



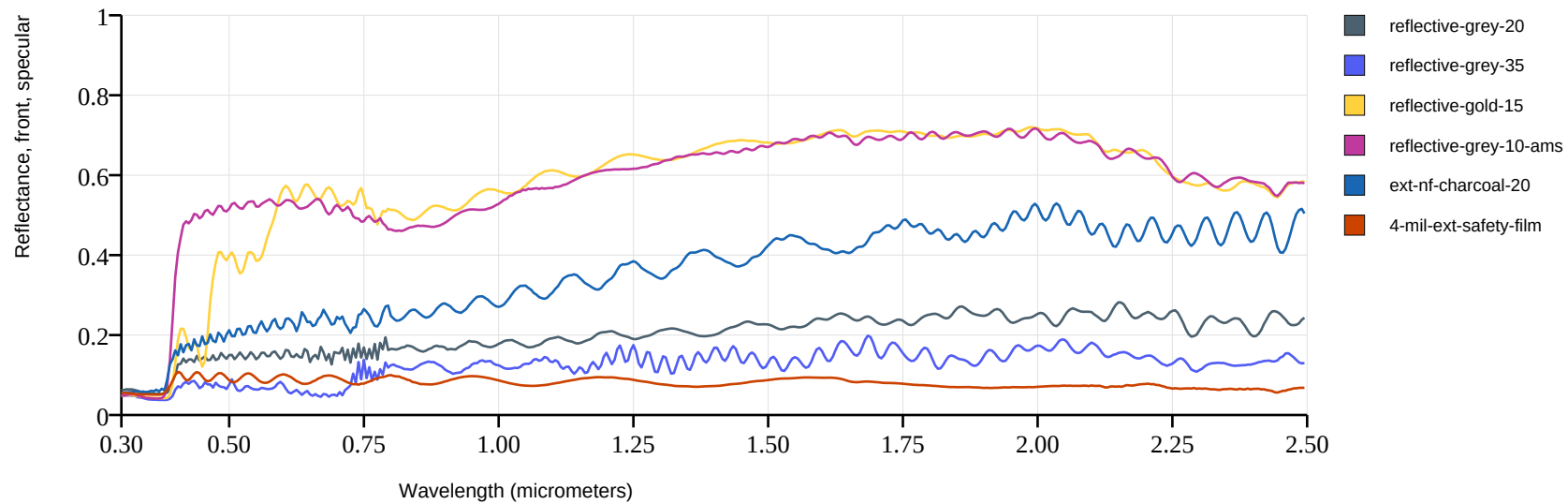
IR : Global Window Films



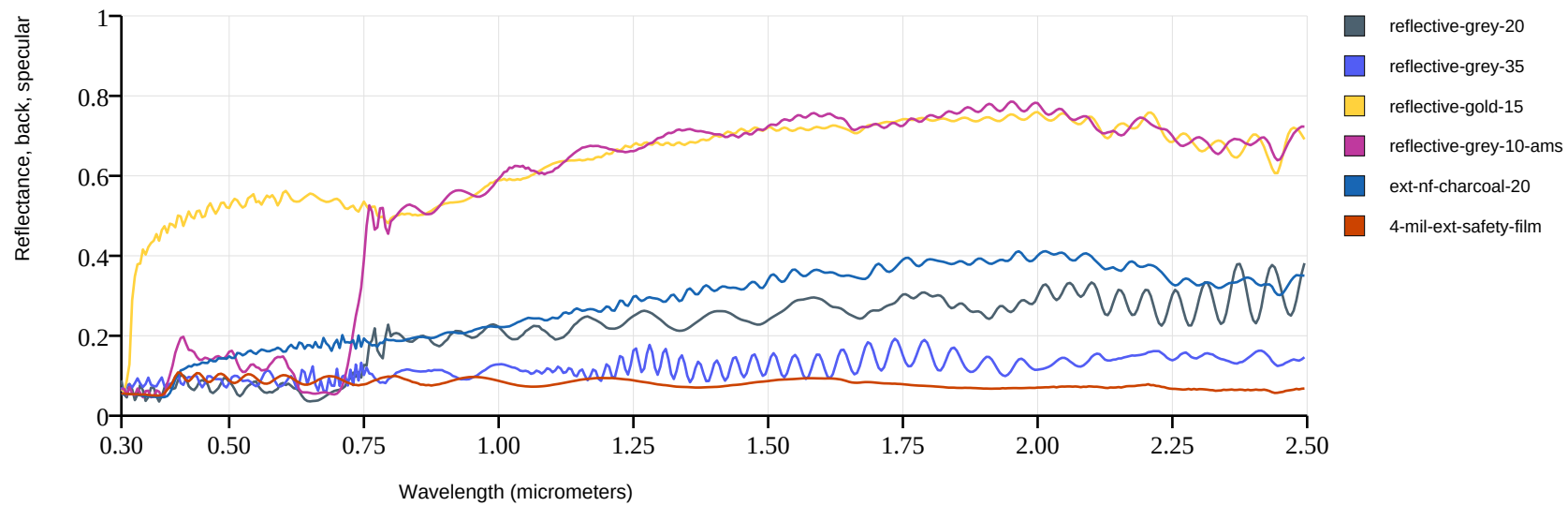
SOLAR - Tf Global Window Films : Group 2



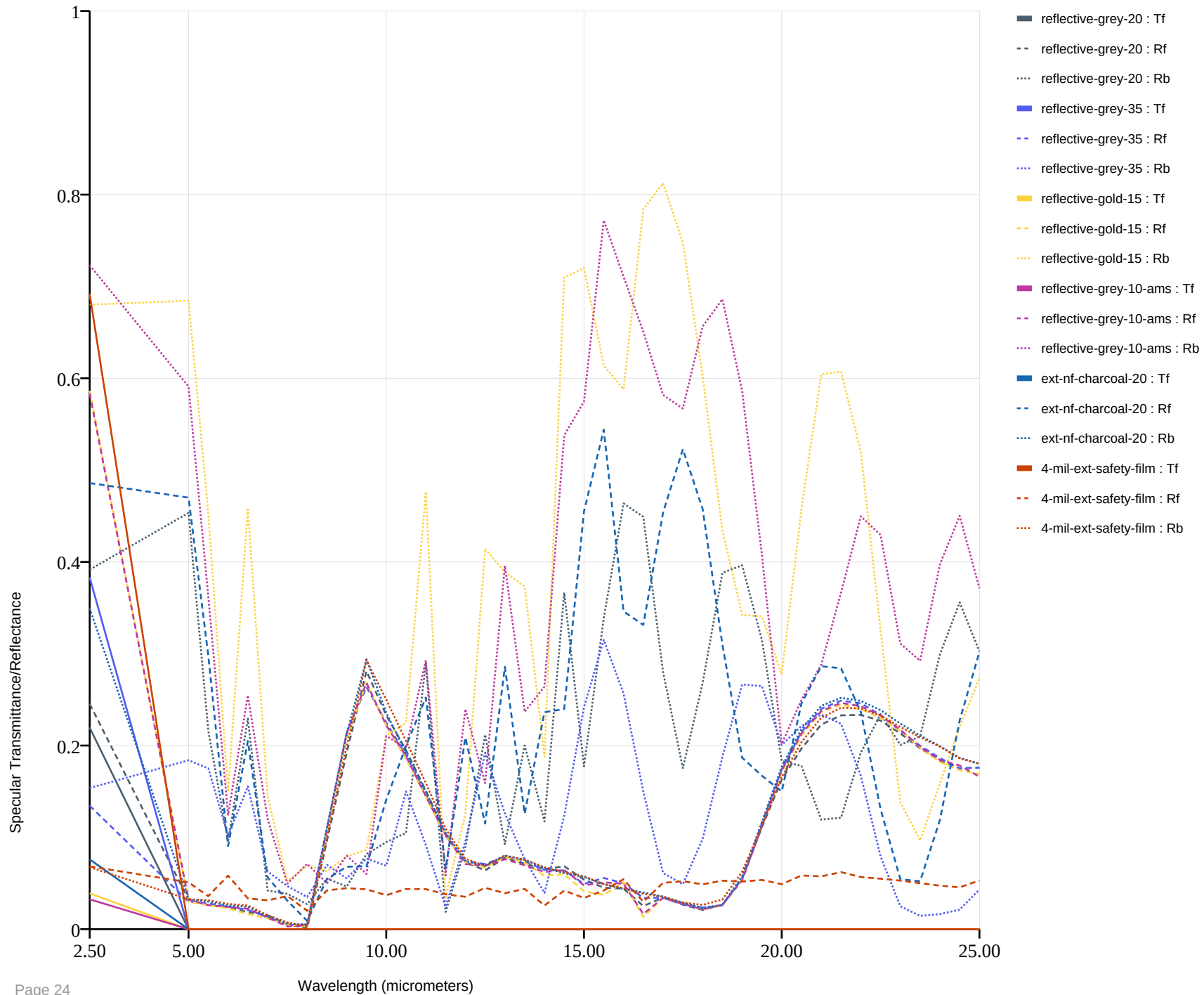
SOLAR - Rf Global Window Films : Group 2



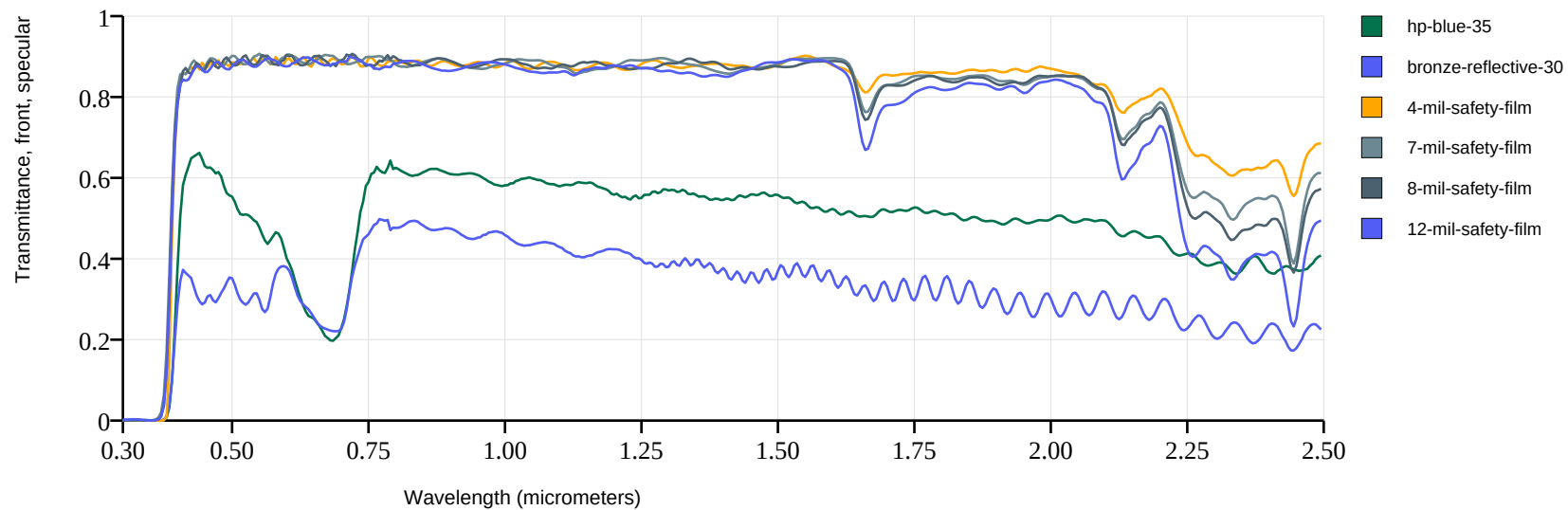
SOLAR - Rb Global Window Films : Group 2



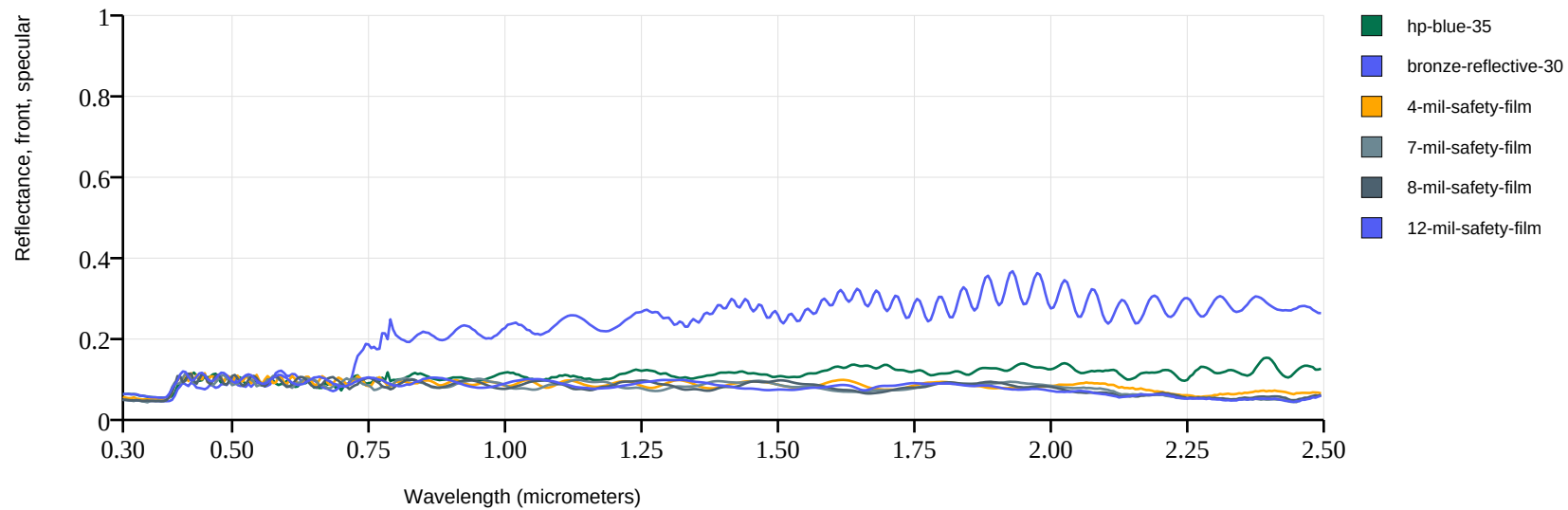
IR : Global Window Films : Group 2



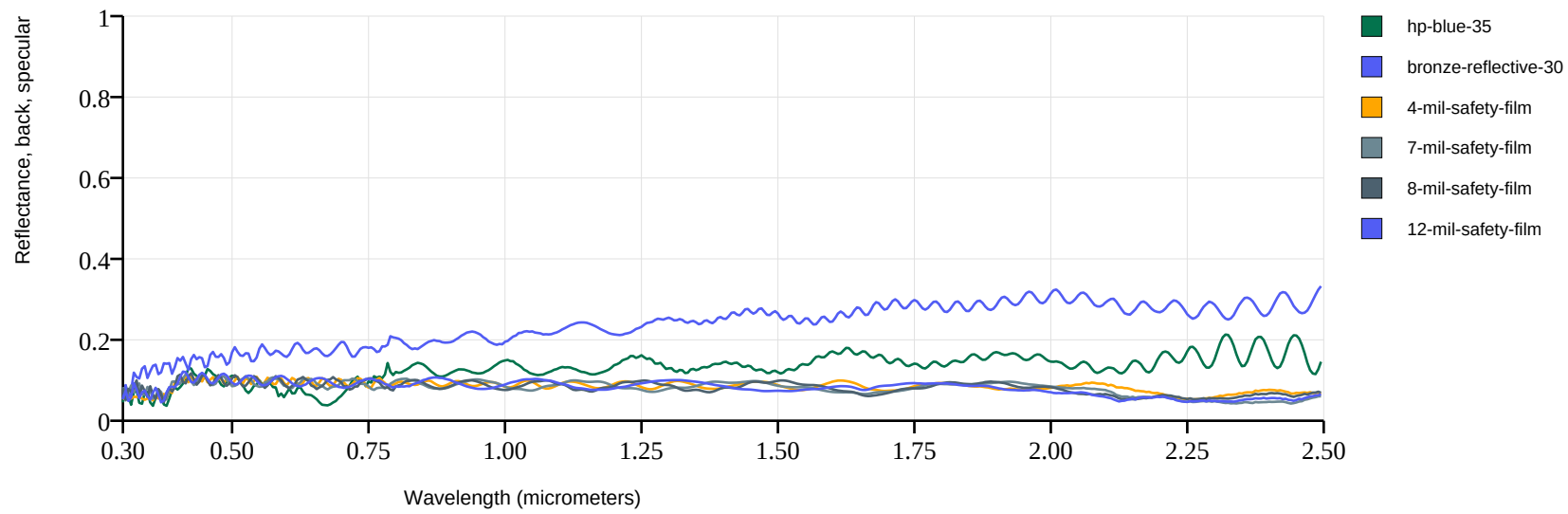
SOLAR - Tf Global Window Films : Group 3



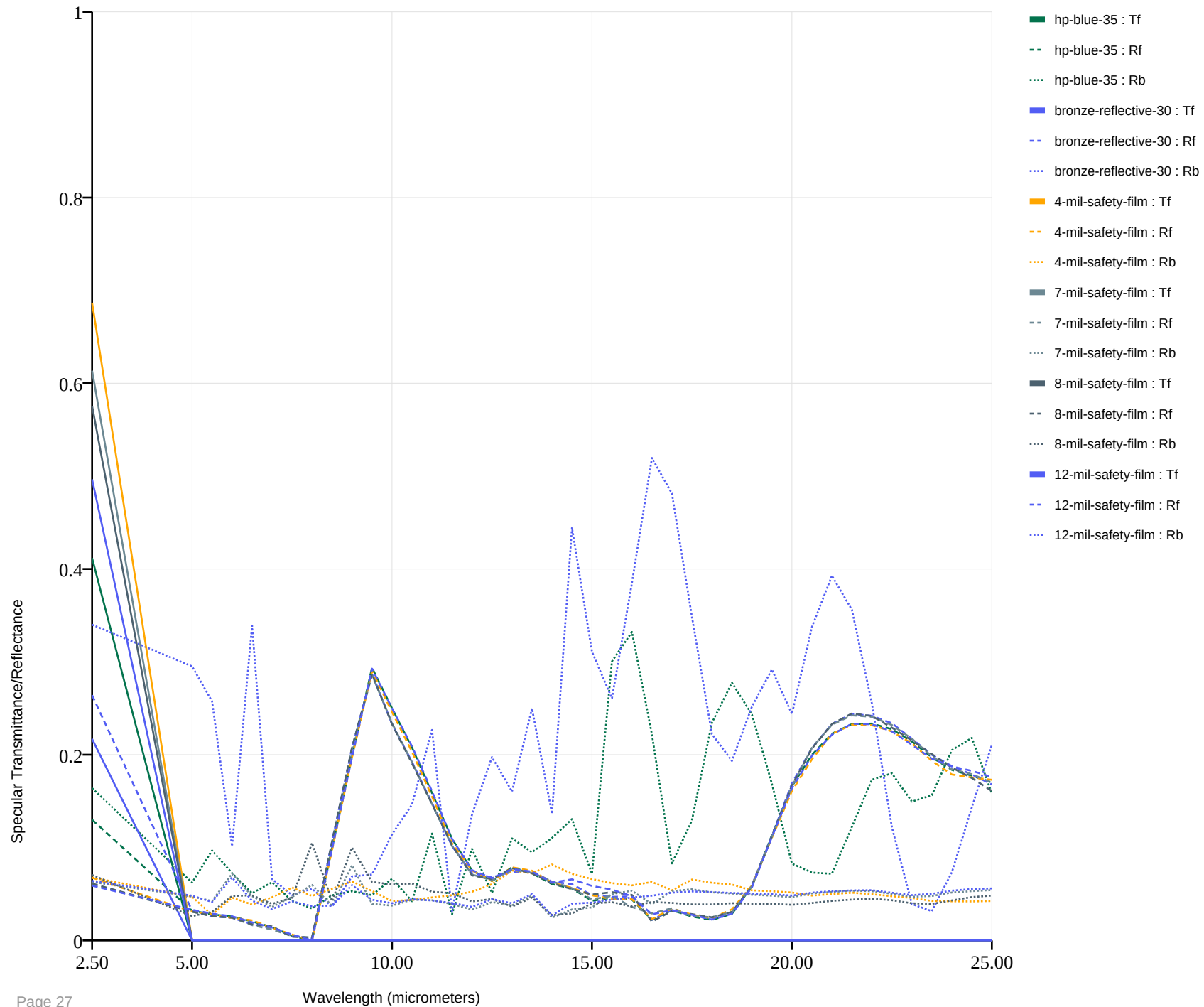
SOLAR - Rf Global Window Films : Group 3



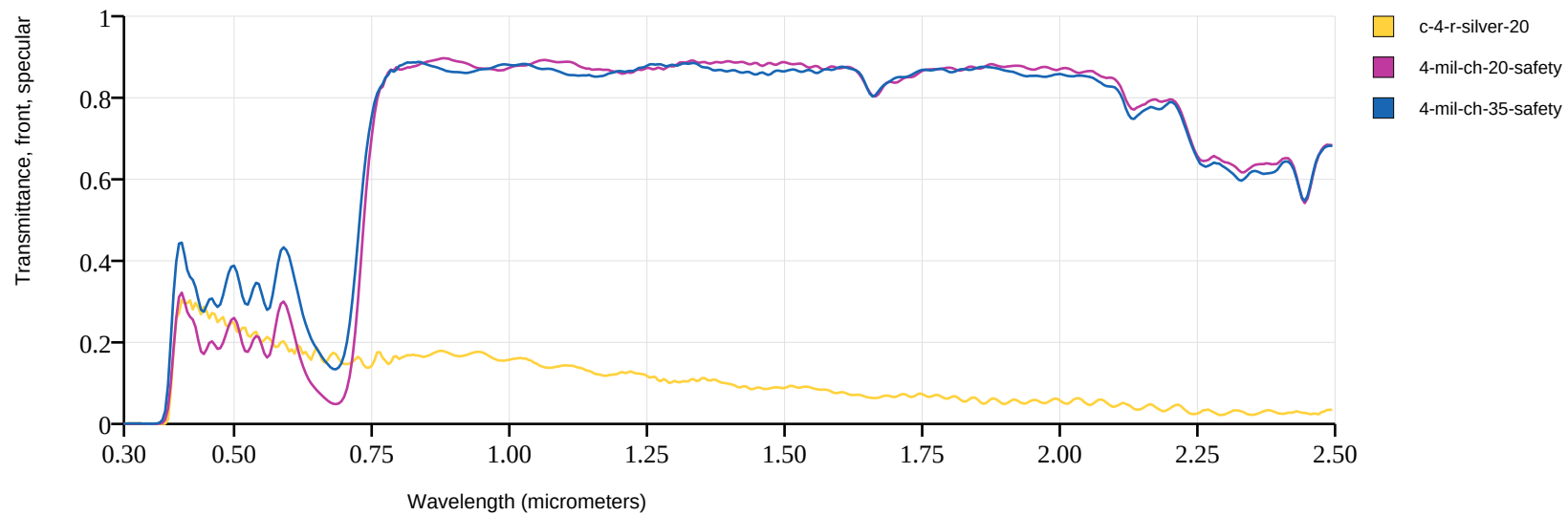
SOLAR - Rb Global Window Films : Group 3



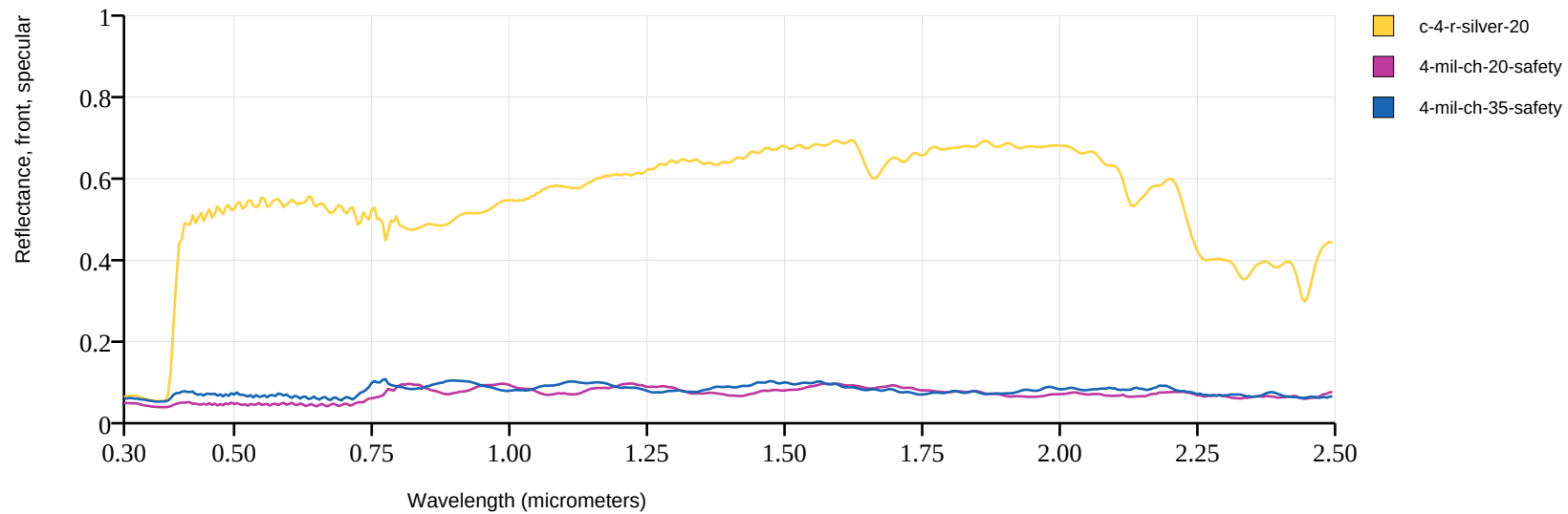
IR : Global Window Films : Group 3



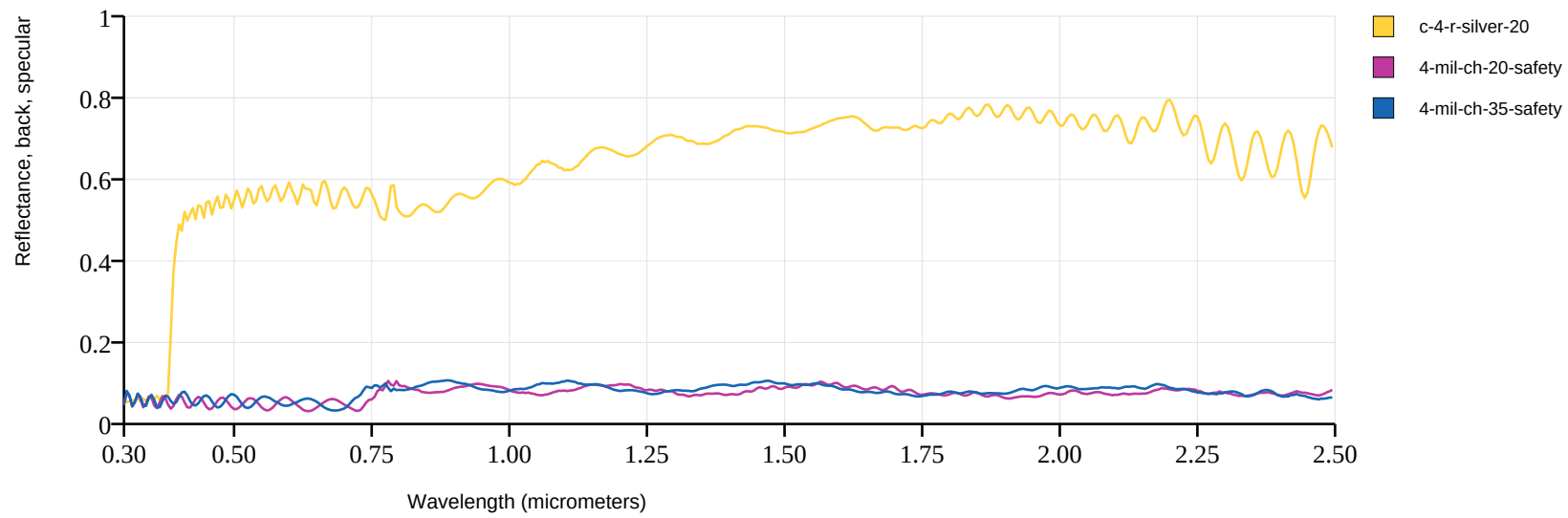
SOLAR - Tf Global Window Films : Group 4



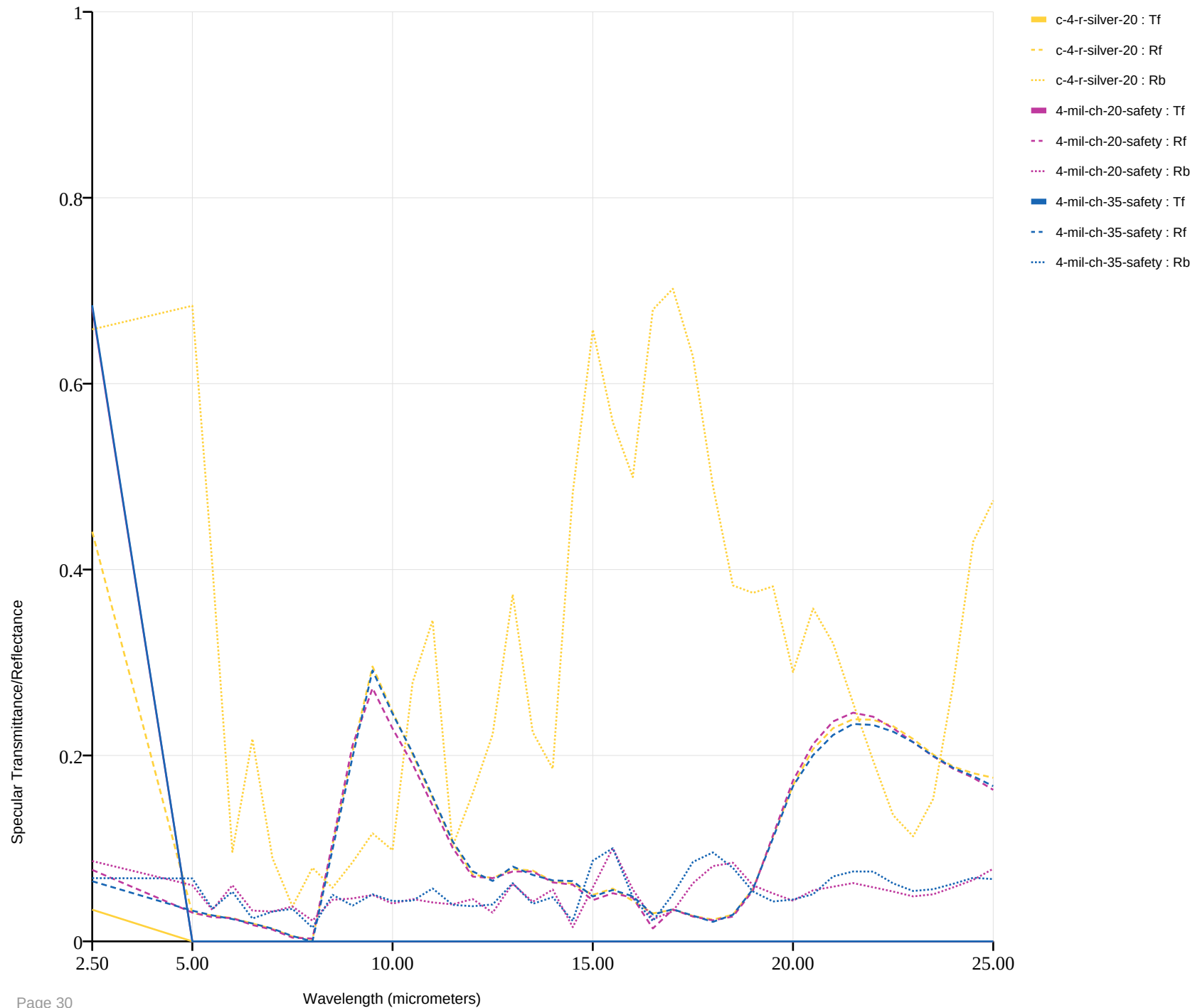
SOLAR - Rf Global Window Films : Group 4



SOLAR - Rb Global Window Films : Group 4



IR : Global Window Films : Group 4



Manufacturer : Guardian Europe

Total products for this manufacturer : 8

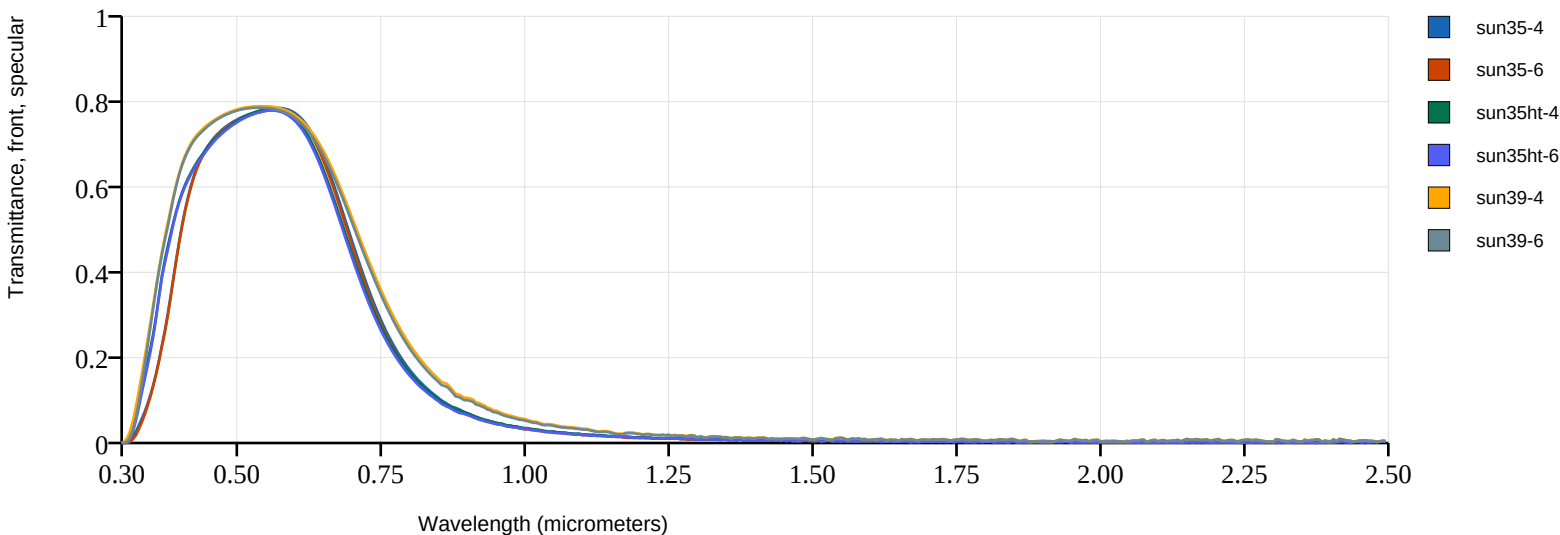
Product Table

(Values are direct-hemispherical)

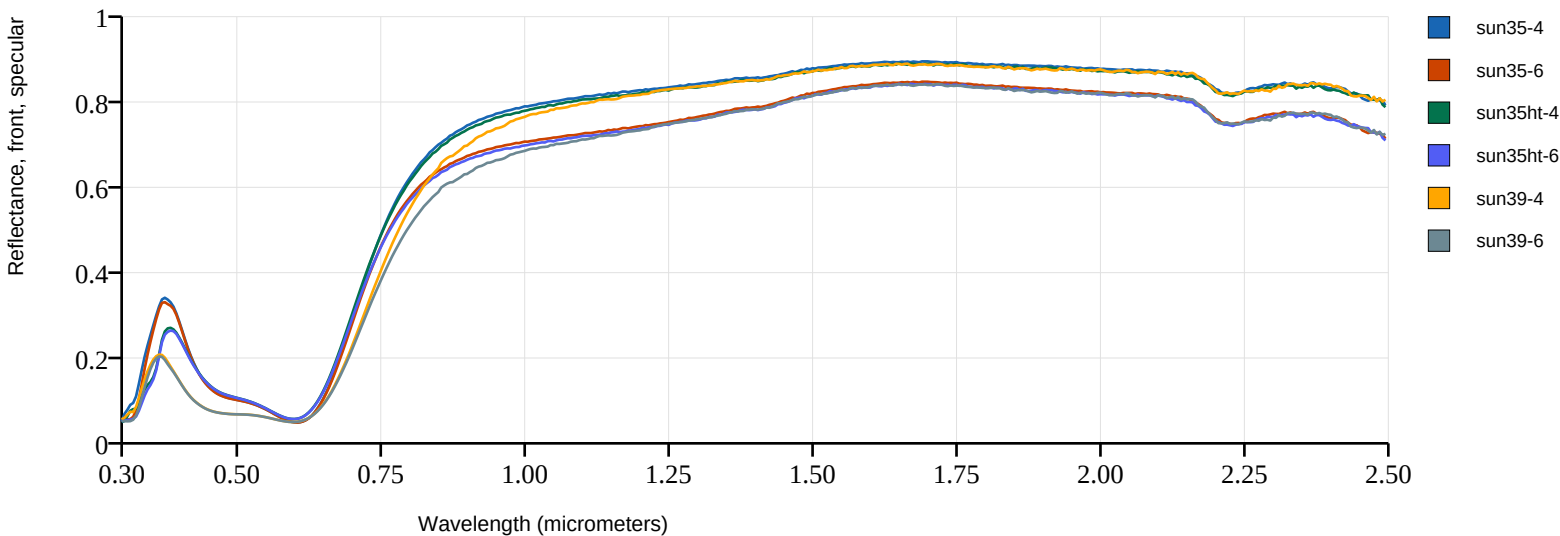
Data Filename	Product Name	Subtype	NFRC	Coated Side	Thickness (mm)	Tfsol	Rfsol	Rbsol	Tfvis	Rfvis	Rbvis	Ef	Eb
Sun35_4.gre	Guardian Sun®35 on Float ExtraClear 4mm	COATED	11600	BACK	3.835	0.337	0.480	0.535	0.769	0.078	0.076	0.838	0.025
Sun35_6.gre	Guardian Sun®35 on Float ExtraClear 6mm	COATED	11601	BACK	5.842	0.333	0.443	0.535	0.764	0.078	0.076	0.838	0.025
Sun35HT_4.gre	Guardian Sun®35 HT on Float ExtraClear 4mm	COATED	11602	BACK	3.835	0.335	0.477	0.543	0.764	0.083	0.079	0.838	0.025
Sun35HT_6.gre	Guardian Sun®35 HT on Float ExtraClear 6mm	COATED	11603	BACK	5.842	0.331	0.440	0.542	0.759	0.083	0.079	0.838	0.025
Sun39_4.gre	Guardian Sun®39 on Float ExtraClear 4mm	COATED	11604	BACK	3.835	0.369	0.444	0.499	0.777	0.061	0.060	0.838	0.029
Sun39_6.gre	Guardian Sun®39 on Float ExtraClear 6mm	COATED	11605	BACK	5.842	0.364	0.410	0.499	0.772	0.061	0.060	0.838	0.028
Sun39HT_4.gre	Guardian Sun®39 HT on Float ExtraClear 4mm	COATED	11606	BACK	3.835	0.369	0.444	0.499	0.777	0.061	0.060	0.838	0.027
Sun39HT_6.gre	Guardian Sun®39 HT on Float ExtraClear 6mm	COATED	11607	BACK	5.842	0.364	0.410	0.499	0.772	0.061	0.060	0.838	0.027

Product Graphs

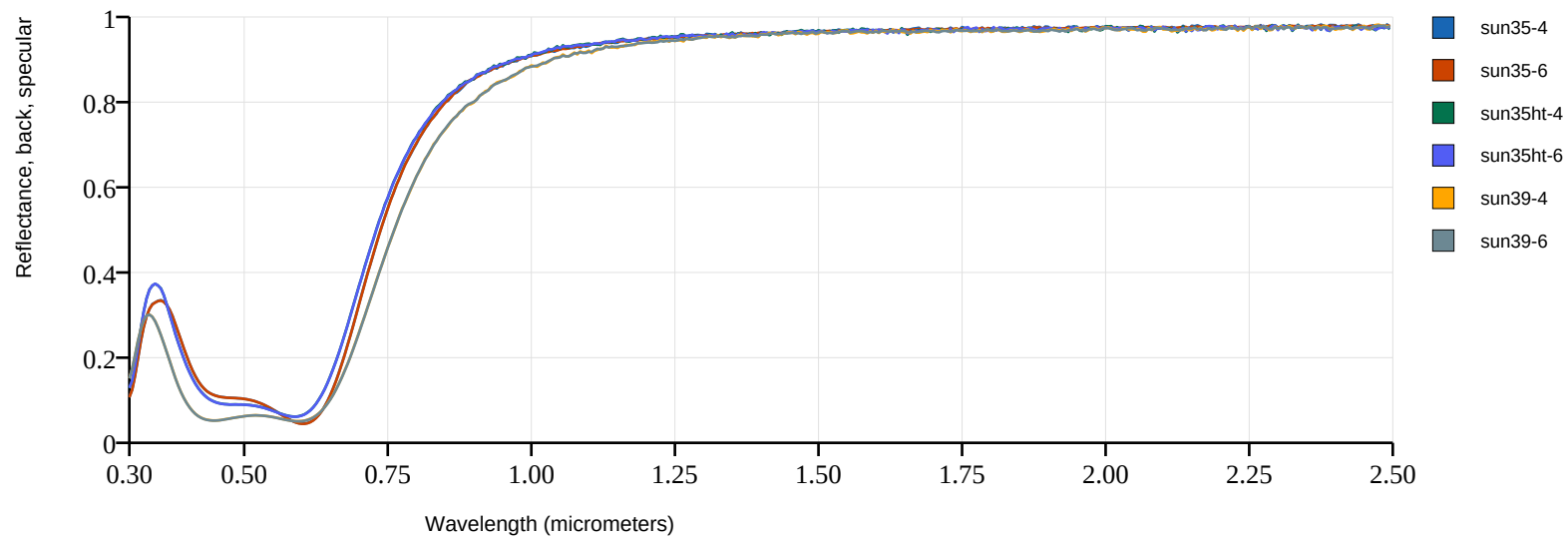
SOLAR - Tf Guardian Europe



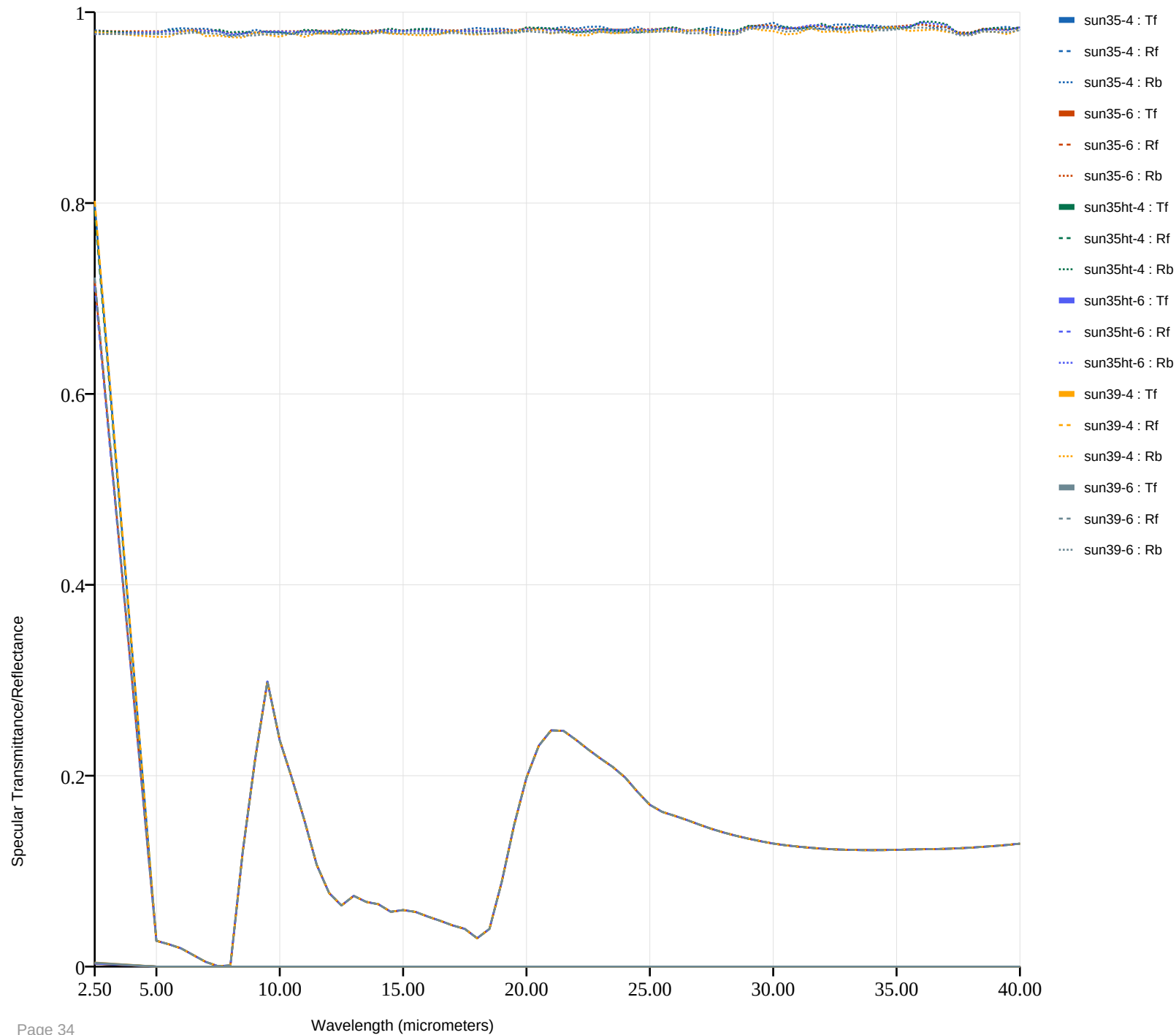
SOLAR - Rf Guardian Europe



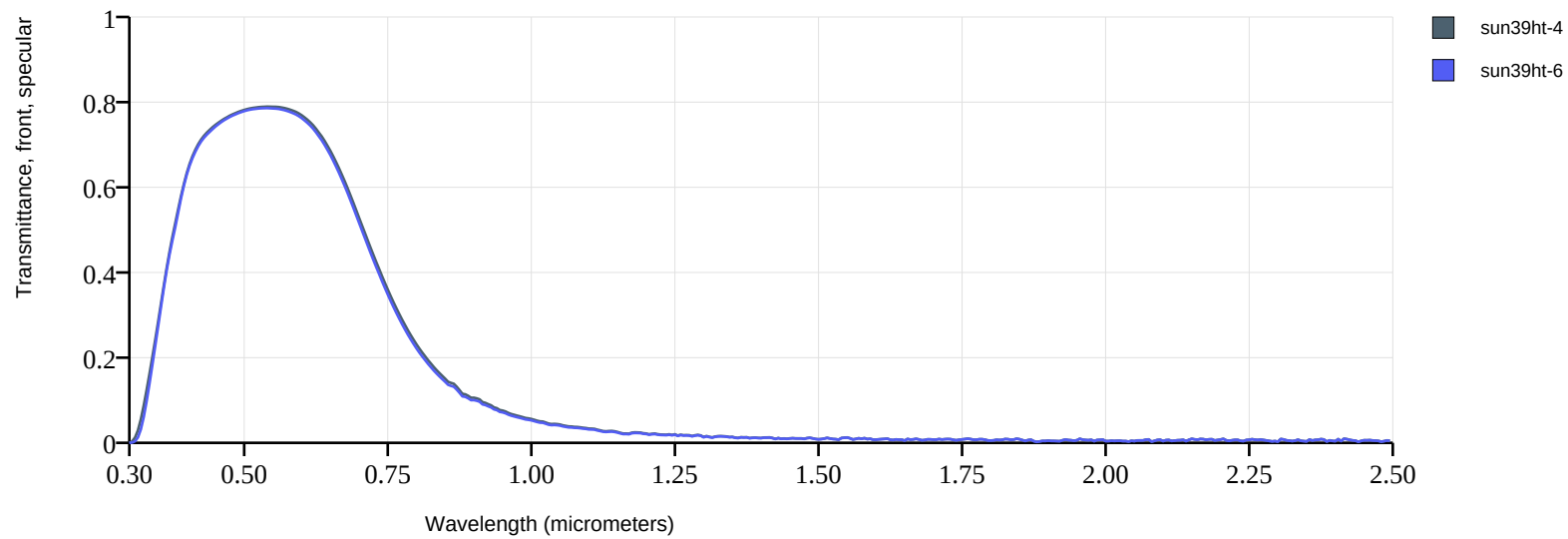
SOLAR - Rb Guardian Europe



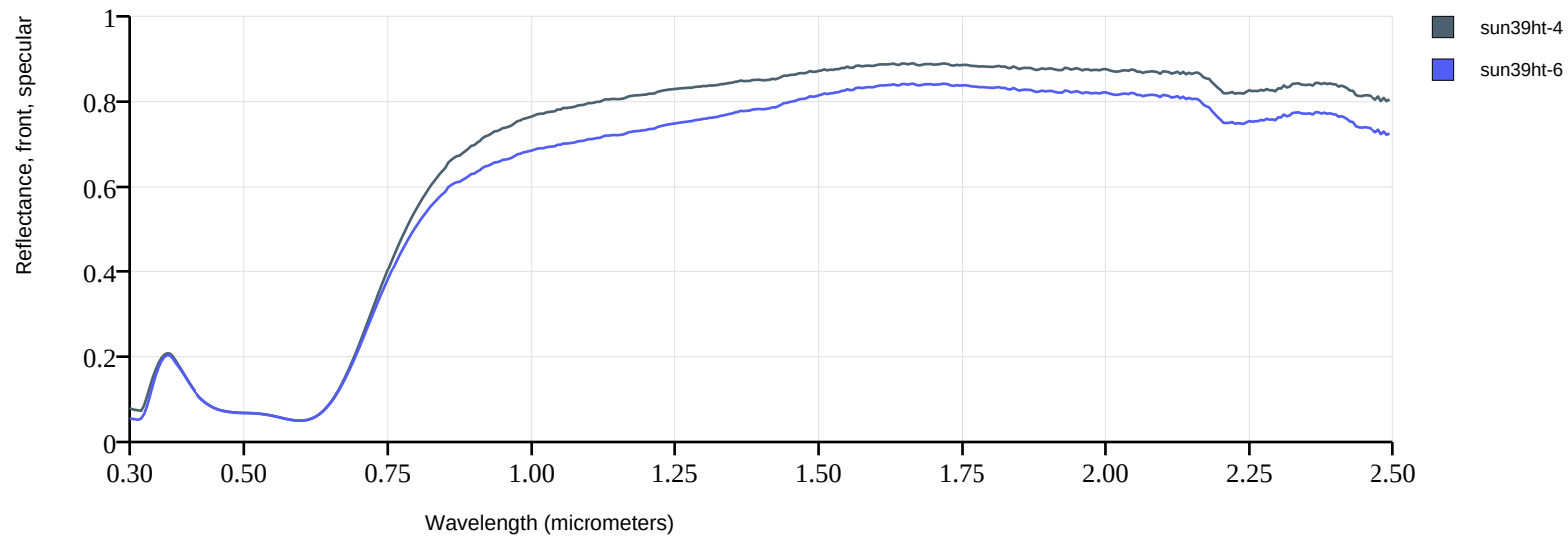
IR : Guardian Europe



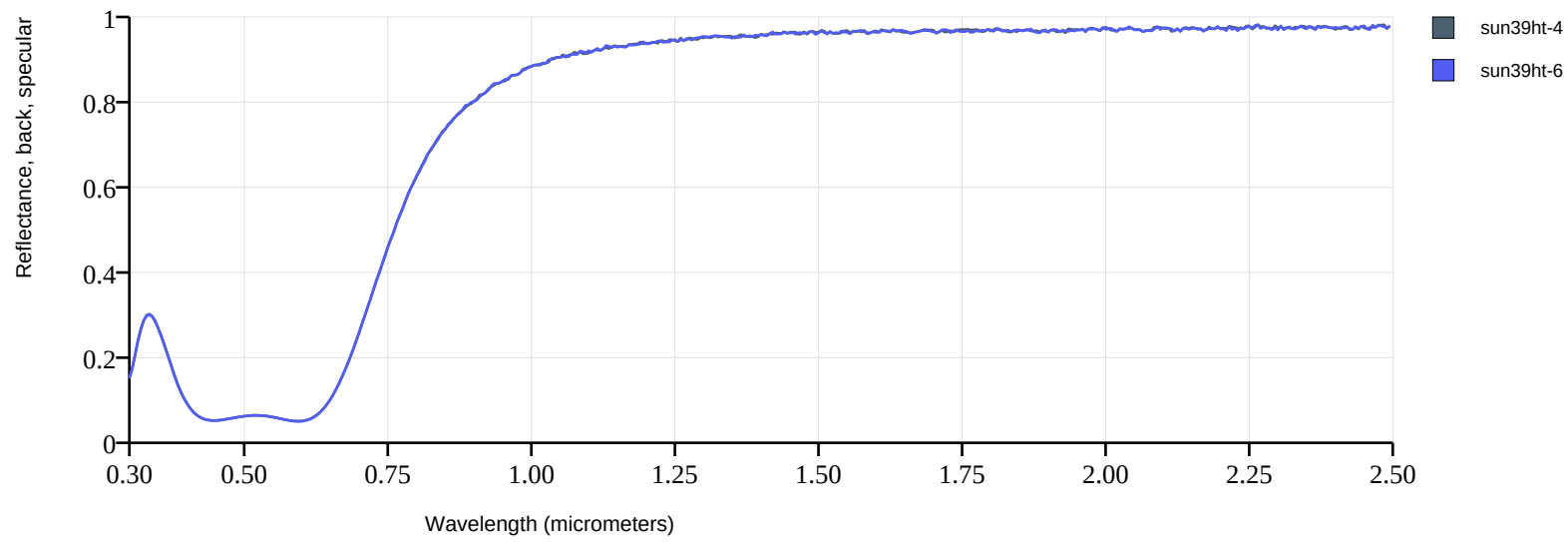
SOLAR - Tf Guardian Europe : Group 2



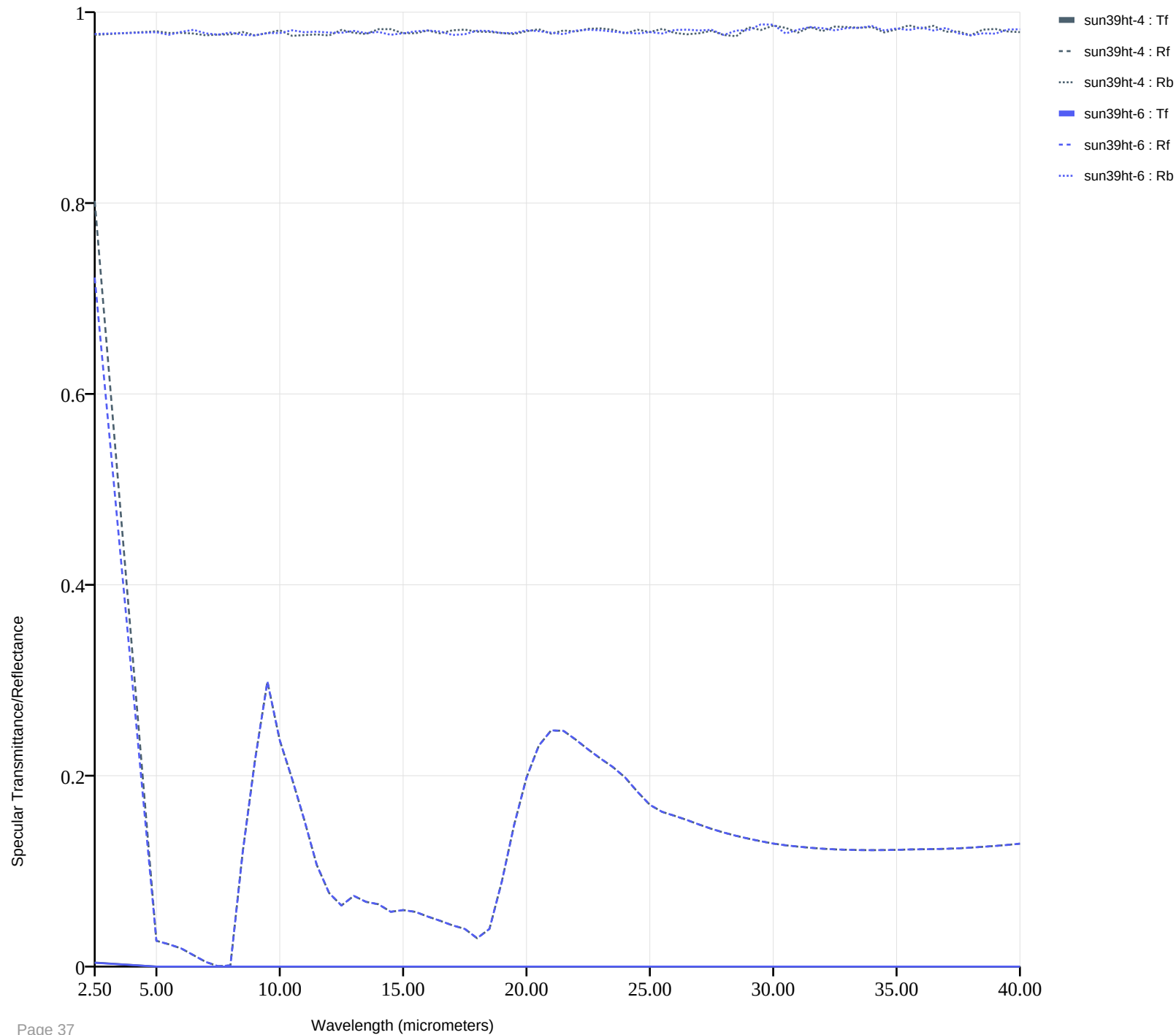
SOLAR - Rf Guardian Europe : Group 2



SOLAR - Rb Guardian Europe : Group 2



IR : Guardian Europe : Group 2



Manufacturer : Guardian Middle East

Total products for this manufacturer : 6

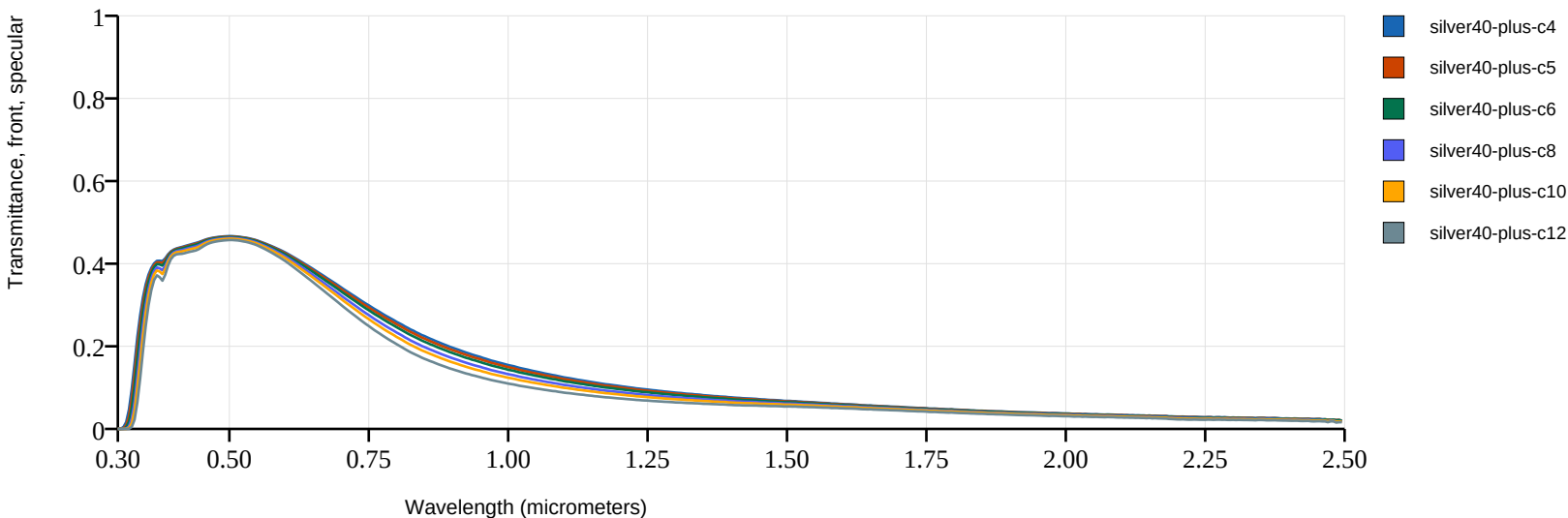
Product Table

(Values are direct-hemispherical)

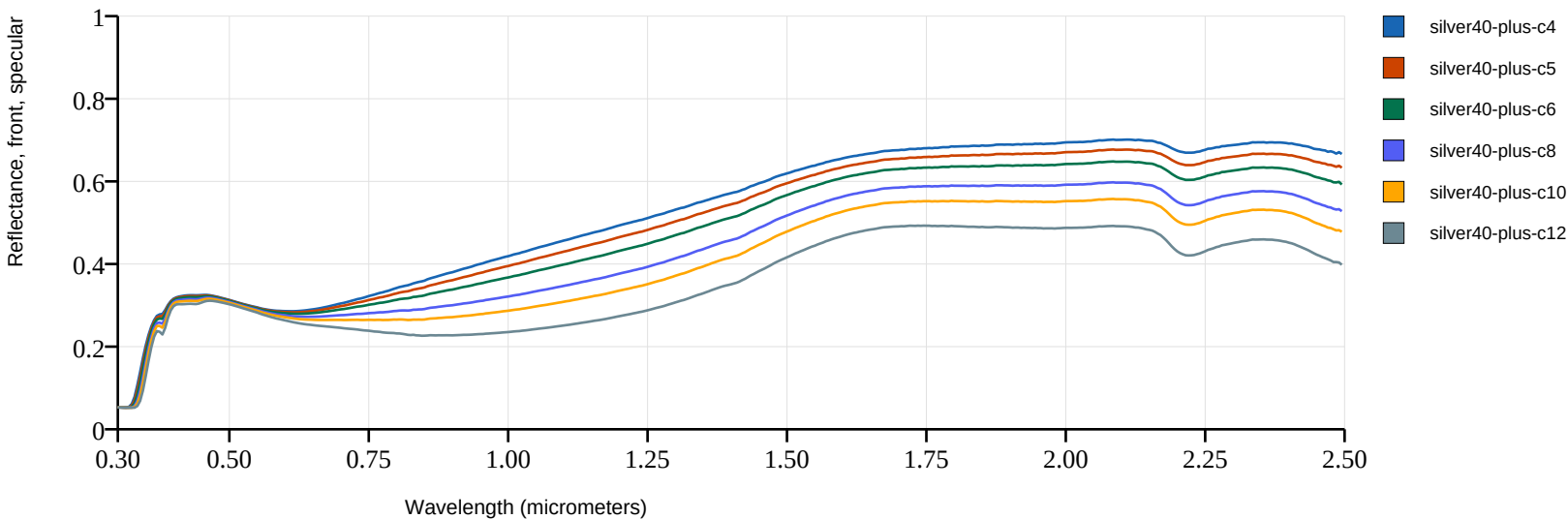
Data Filename	Product Name	Subtype	NFRC	Coated Side	Thickness (mm)	Tfsol	Rfsol	Rbsol	Tfvis	Rfvis	Rbvis	Ef	Eb
Silver40+c4.grm	SunGuard® HP silver 40+ on 4 mm Clear	COATED	12145	BACK	3.835	0.274	0.391	0.377	0.447	0.296	0.084	0.838	0.054
Silver40+c5.grm	SunGuard® HP silver 40+ on 5 mm Clear	COATED	12146	BACK	4.623	0.271	0.378	0.377	0.446	0.294	0.084	0.838	0.054
Silver40+c6.grm	SunGuard® HP silver 40+ on 6 mm Clear	COATED	12147	BACK	5.613	0.267	0.363	0.377	0.444	0.292	0.084	0.838	0.054
Silver40+c8.grm	SunGuard® HP silver 40+ on 8 mm Clear	COATED	12148	BACK	7.468	0.260	0.337	0.376	0.440	0.289	0.084	0.838	0.054
Silver40+c10.grm	SunGuard® HP silver 40+ on 10 mm Clear	COATED	12149	BACK	9.068	0.254	0.317	0.376	0.438	0.286	0.083	0.838	0.054
Silver40+c12.grm	SunGuard® HP silver 40+ on 12 mm Clear	COATED	12150	BACK	11.963	0.244	0.285	0.376	0.432	0.280	0.083	0.838	0.054

Product Graphs

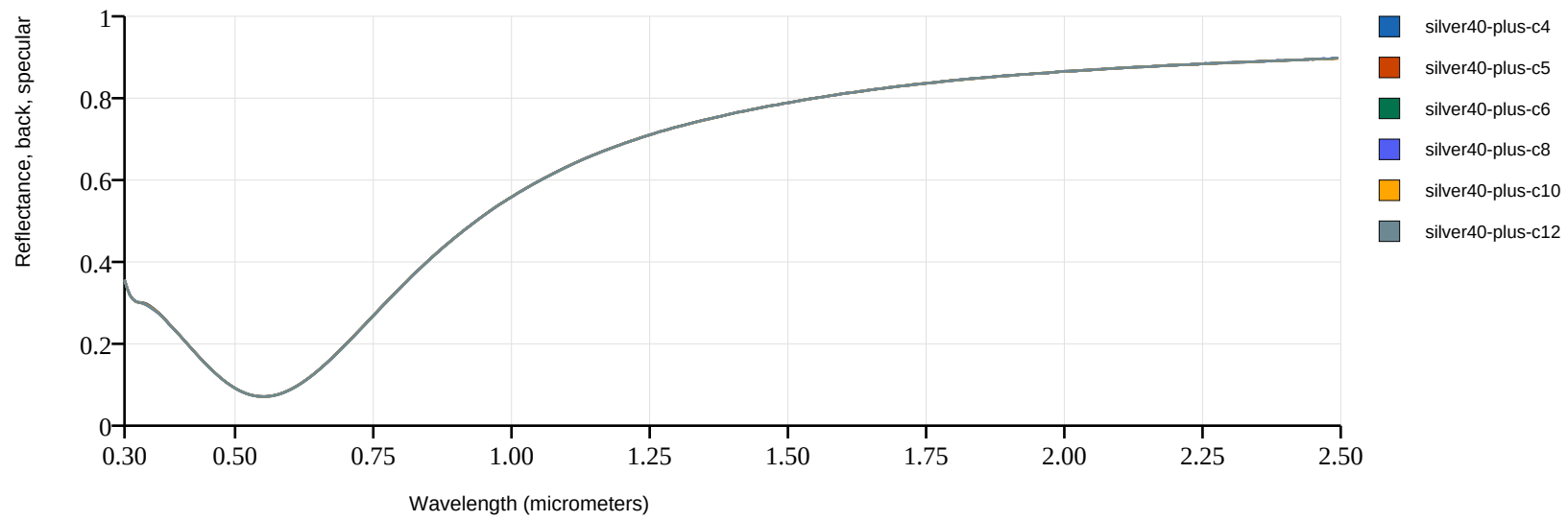
SOLAR - Tf Guardian Middle East



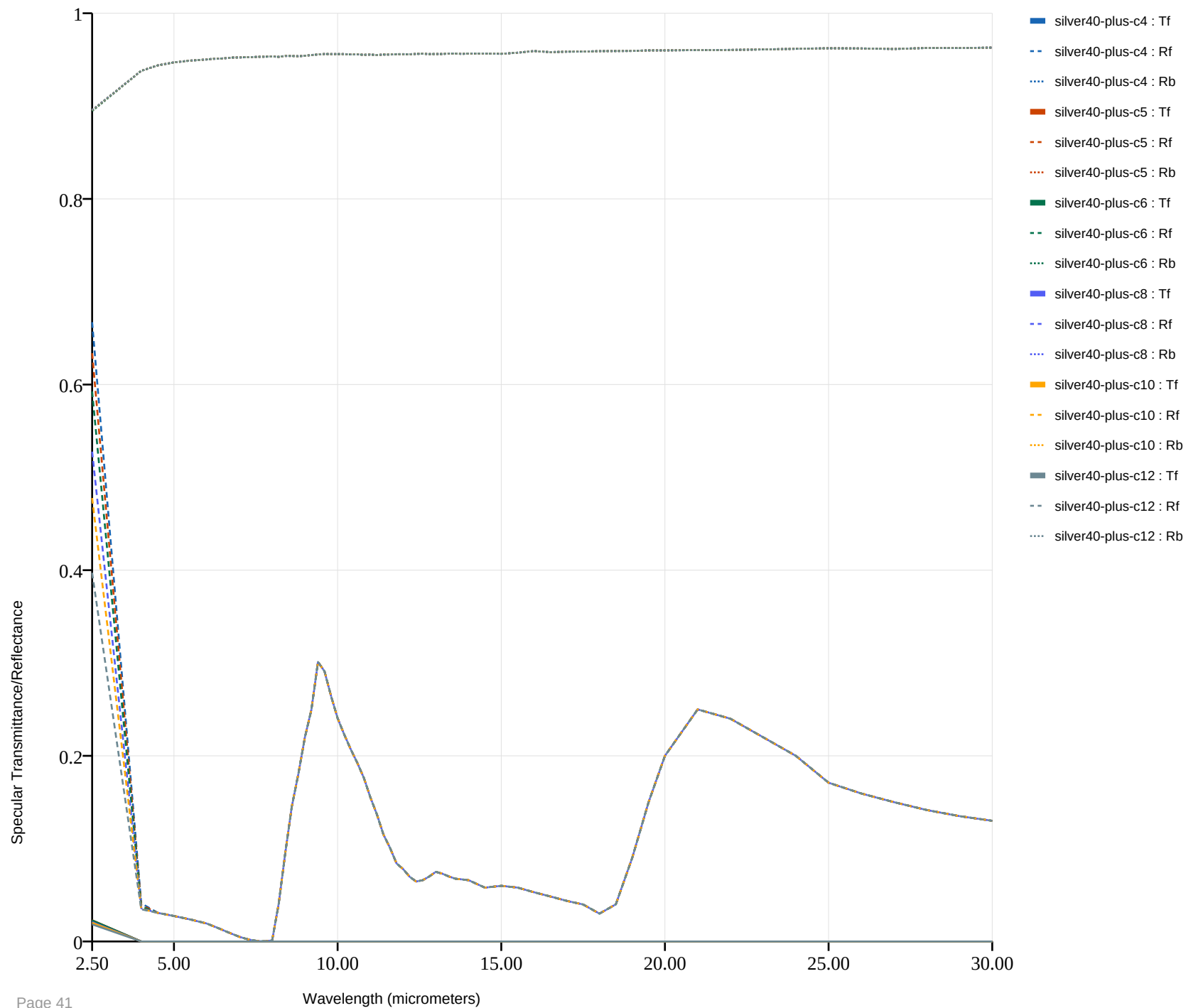
SOLAR - Rf Guardian Middle East



SOLAR - Rb Guardian Middle East



IR : Guardian Middle East



Manufacturer : Pilkington

Total products for this manufacturer : 3

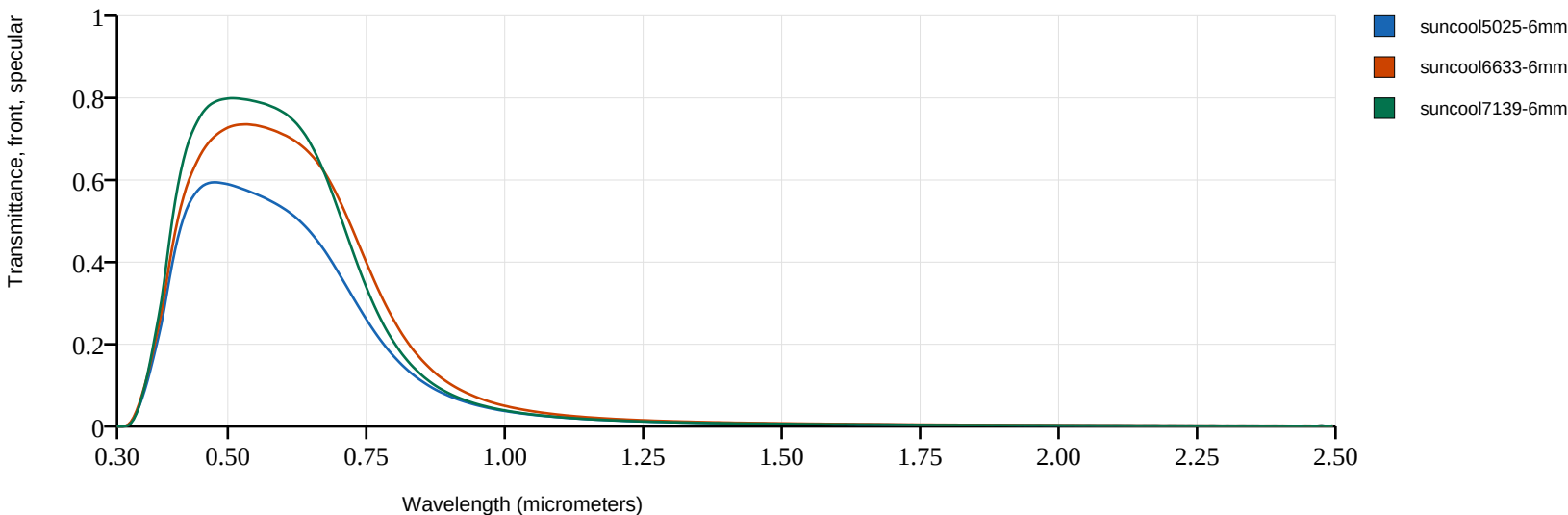
Product Table

(Values are direct-hemispherical)

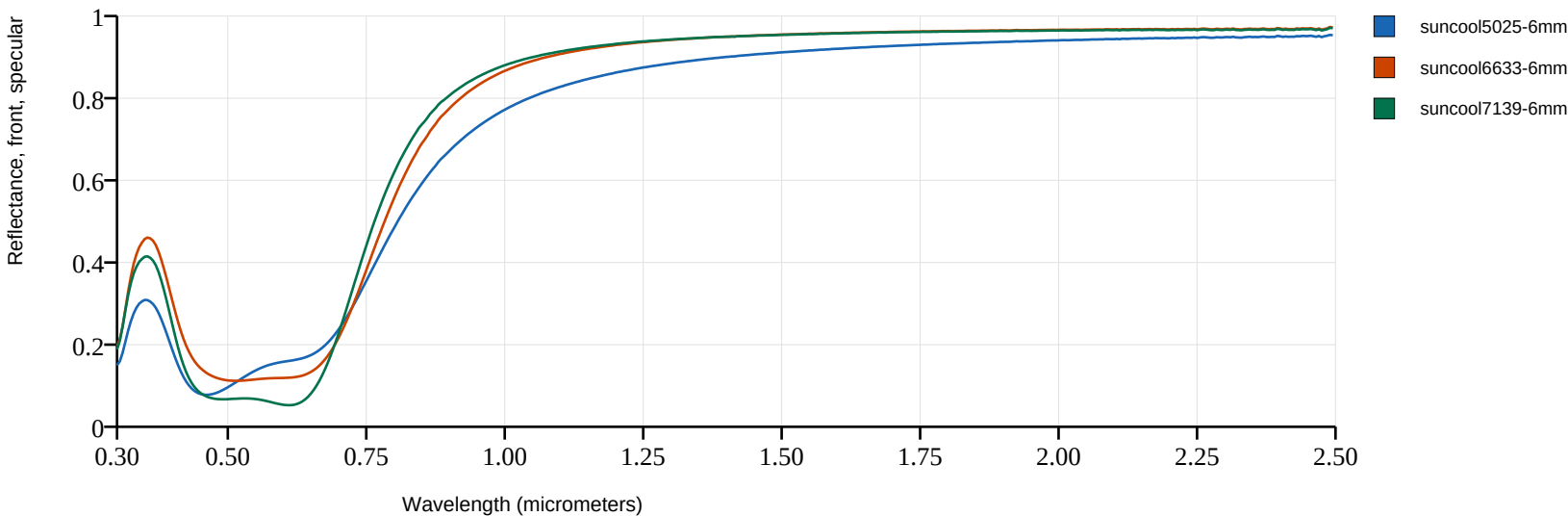
Data Filename	Product Name	Subtype	NFRC	Coated Side	Thickness (mm)	Tfsol	Rfsol	Rbsol	Tfvis	Rfvis	Rbvis	Ef	Eb
Suncool5025_6mm.nsg	Suncool 50/25 6mm	COATED	4188	FRONT	5.950	0.263	0.472	0.373	0.557	0.136	0.155	0.032	0.846
Suncool6633_6mm.nsg	Suncool 66/33 6mm	COATED	4189	FRONT	5.820	0.346	0.510	0.352	0.722	0.117	0.134	0.029	0.846
Suncool7139_6mm.nsg	Suncool 71/39 6mm	COATED	4190	FRONT	5.850	0.355	0.502	0.367	0.780	0.065	0.071	0.031	0.846

Product Graphs

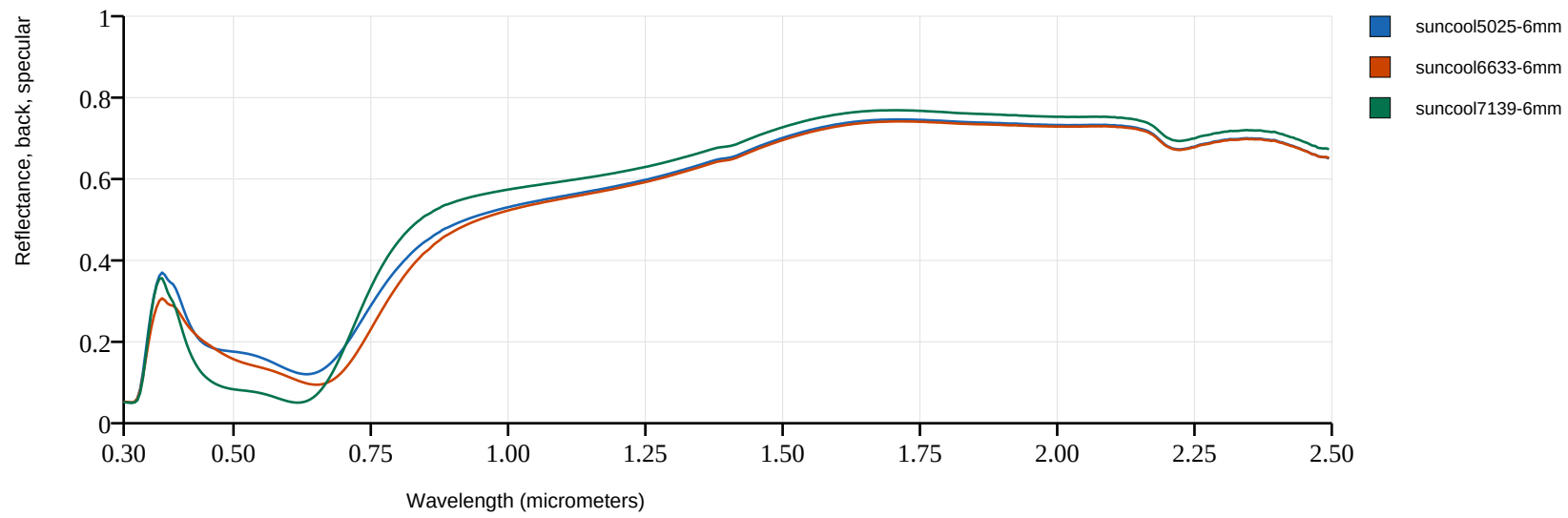
SOLAR - Tf Pilkington



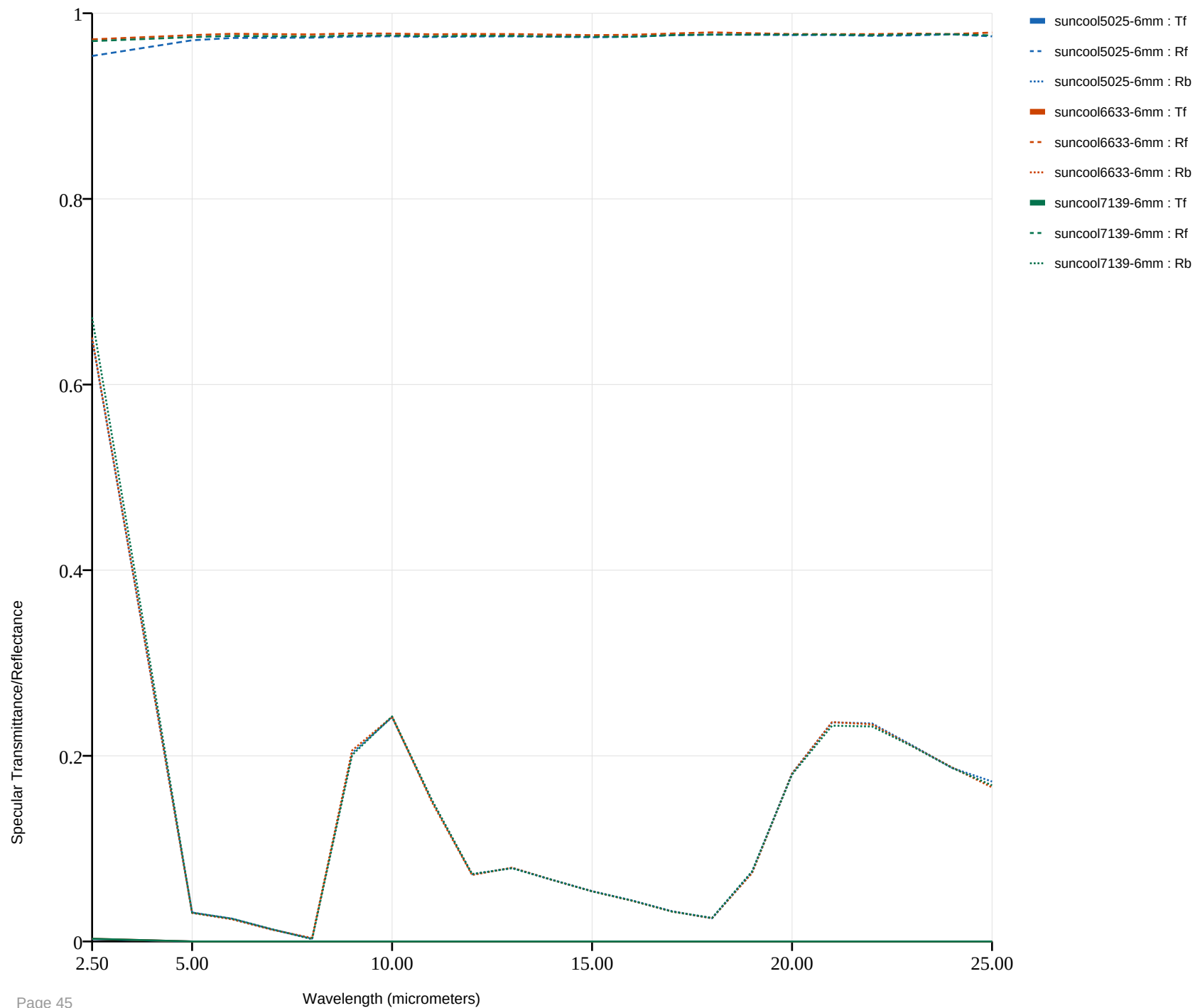
SOLAR - Rf Pilkington



SOLAR - Rb Pilkington



IR : Pilkington



Manufacturer : Saint-Gobain Glass

Total products for this manufacturer : 7

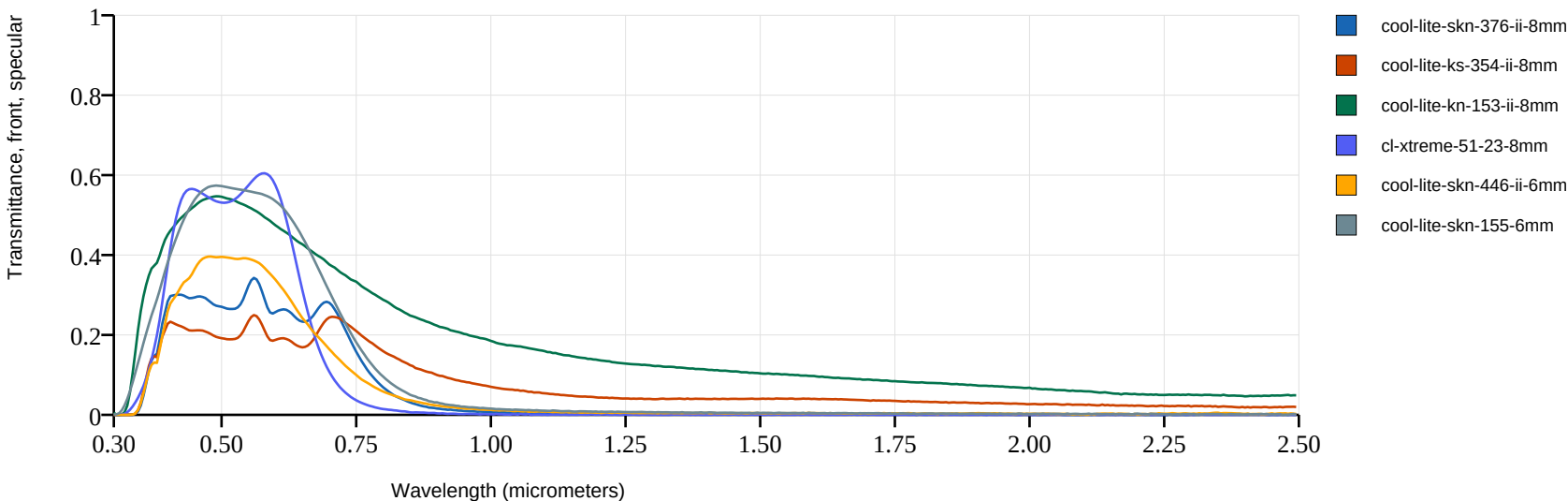
Product Table

(Values are direct-hemispherical)

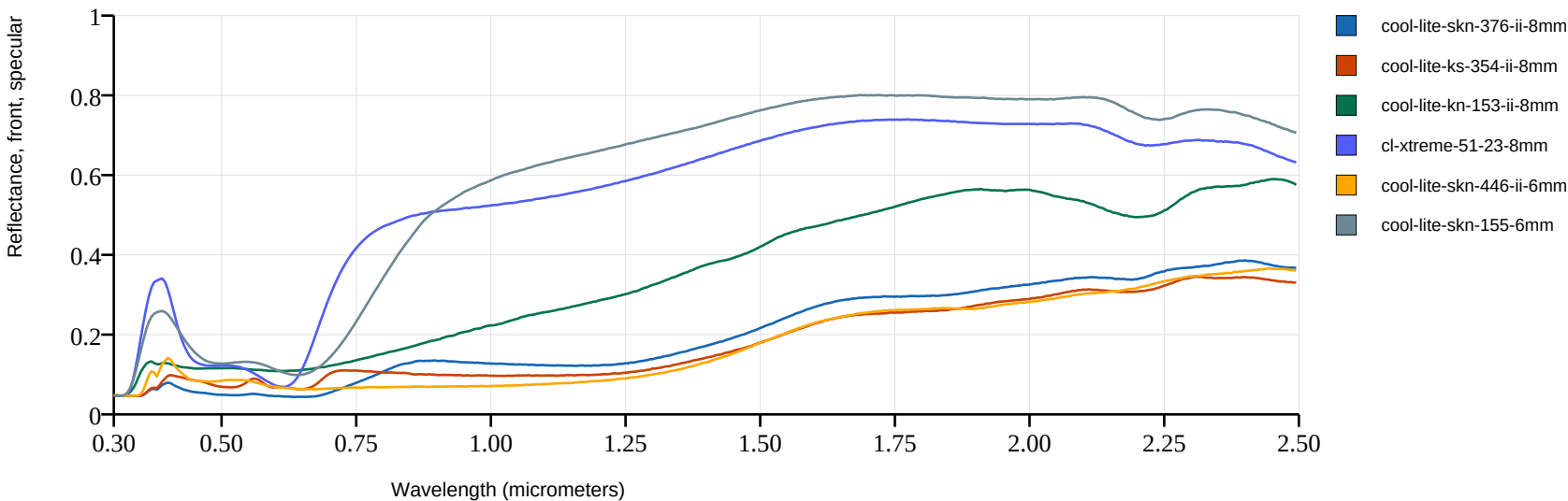
Data Filename	Product Name	Subtype	NFRC	Coated Side	Thickness (mm)	Tfsol	Rfsol	Rbsol	Tfvis	Rfvis	Rbvis	Ef	Eb
COOL-LITE SKN 376 II 8mm.SGG	SGG COOL-LITE SKN 376 II 8mm	COATED	20781	BACK	8.000	0.136	0.111	0.469	0.287	0.049	0.059	0.845	0.024
COOL-LITE KS 354 II 8mm.SGG	SGG COOL-LITE KS 354 II 8mm	COATED	20798	BACK	8.000	0.138	0.111	0.355	0.208	0.075	0.098	0.846	0.047
COOL-LITE KN 153 II 8mm.SGG	SGG COOL-LITE KN 153 II 8mm	COATED	20803	BACK	8.000	0.313	0.204	0.313	0.509	0.113	0.062	0.846	0.072
CL XTREME 51-23 8mm.SGG	SGG COOL-LITE XTREME 51-23 8mm	COATED	20855	BACK	8.000	0.197	0.375	0.578	0.554	0.103	0.118	0.845	0.024
COOL-LITE SKN 446 II 6mm.SGG	SGG COOL-LITE SKN 446 II 6mm	COATED	20885	BACK	6.000	0.151	0.099	0.392	0.370	0.079	0.034	0.846	0.041
COOL-LITE SKN 155 6mm.SGG	SGG COOL-LITE SKN 155 6mm	COATED	20932	BACK	6.000	0.237	0.374	0.452	0.550	0.125	0.047	0.846	0.032
COOL-LITE SKN 155 II 8mm.SGG	SGG COOL-LITE SKN 155 II 8mm	COATED	20935	BACK	8.000	0.231	0.349	0.462	0.546	0.124	0.046	0.845	0.029

Product Graphs

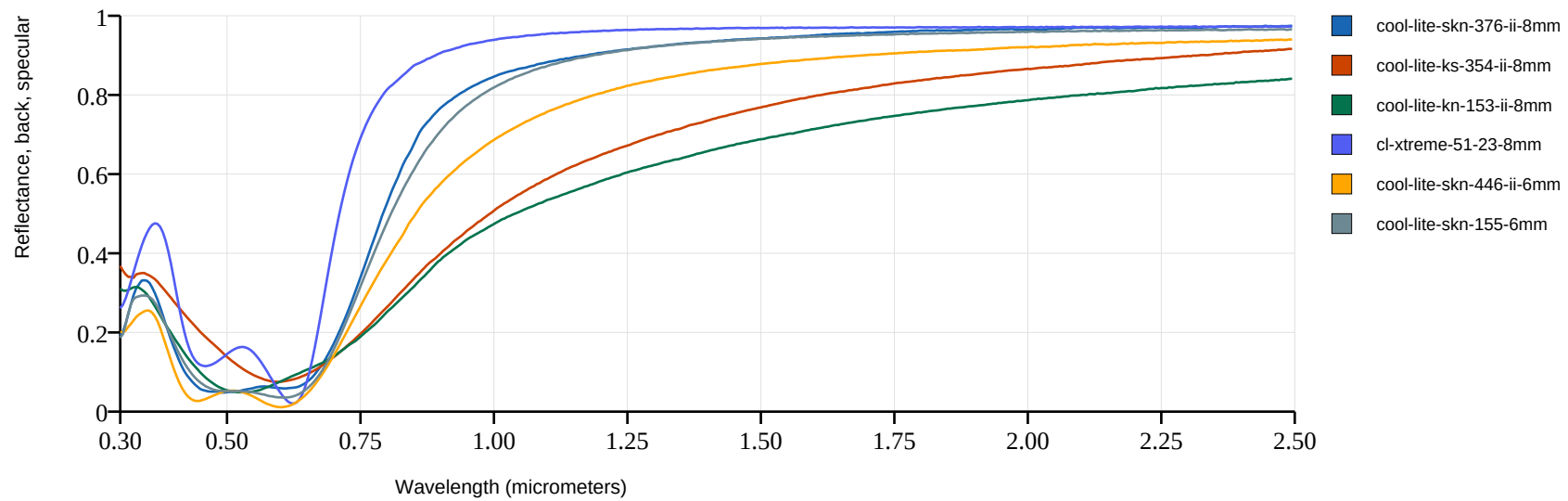
SOLAR - Tf Saint-Gobain Glass



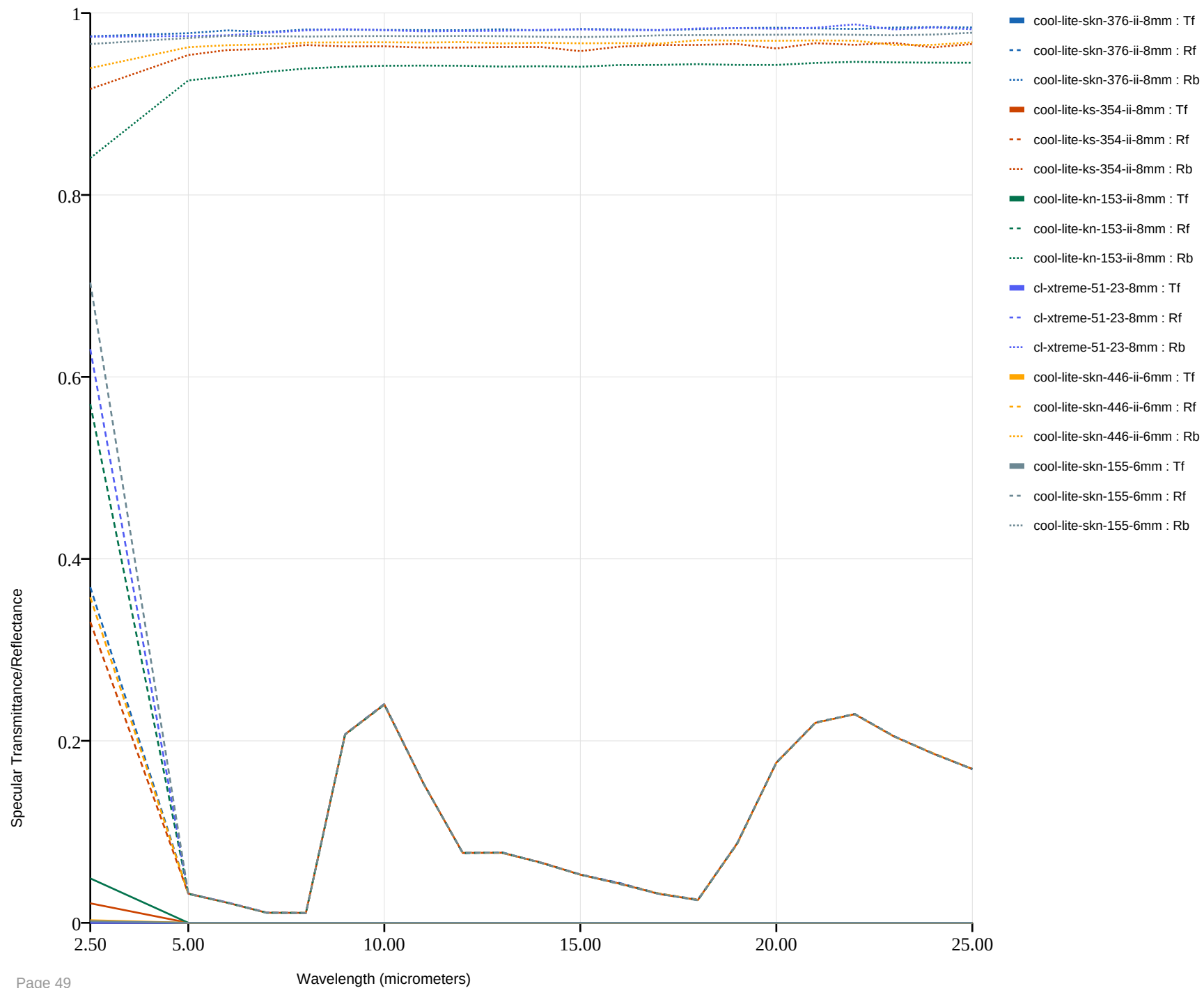
SOLAR - Rf Saint-Gobain Glass



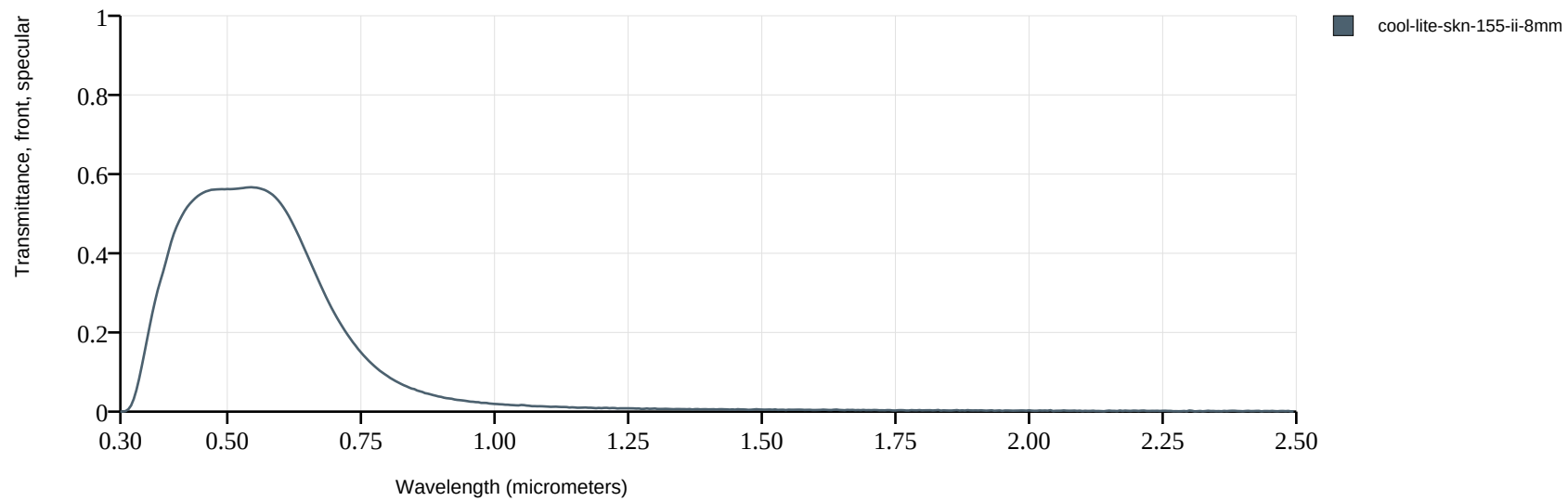
SOLAR - Rb Saint-Gobain Glass



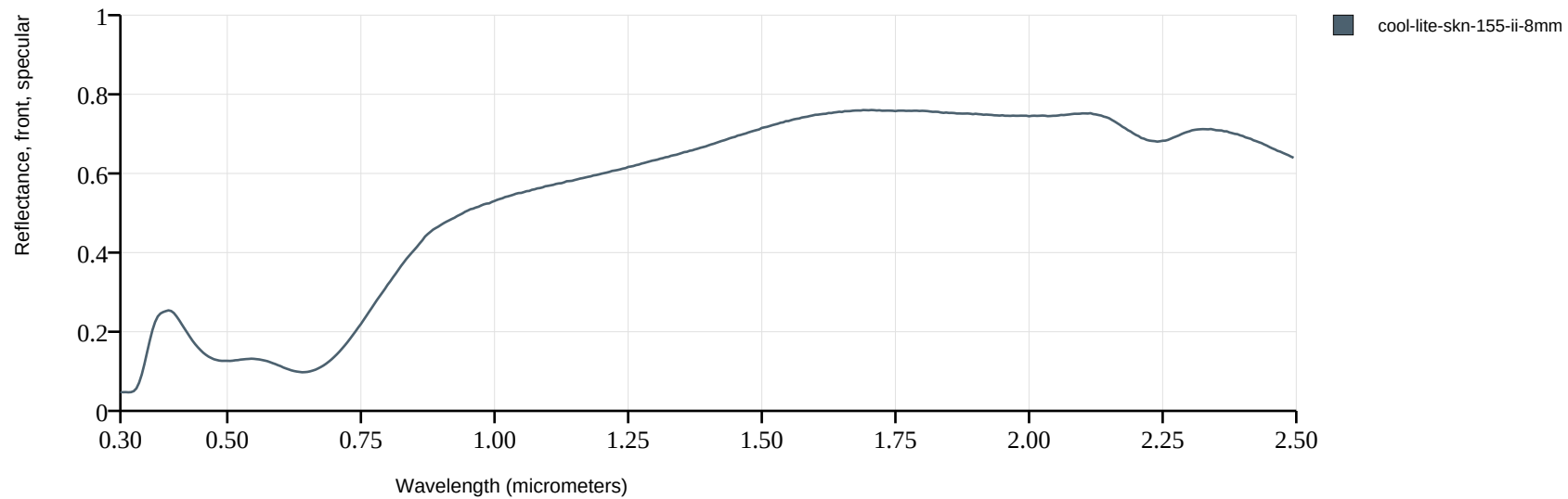
IR : Saint-Gobain Glass



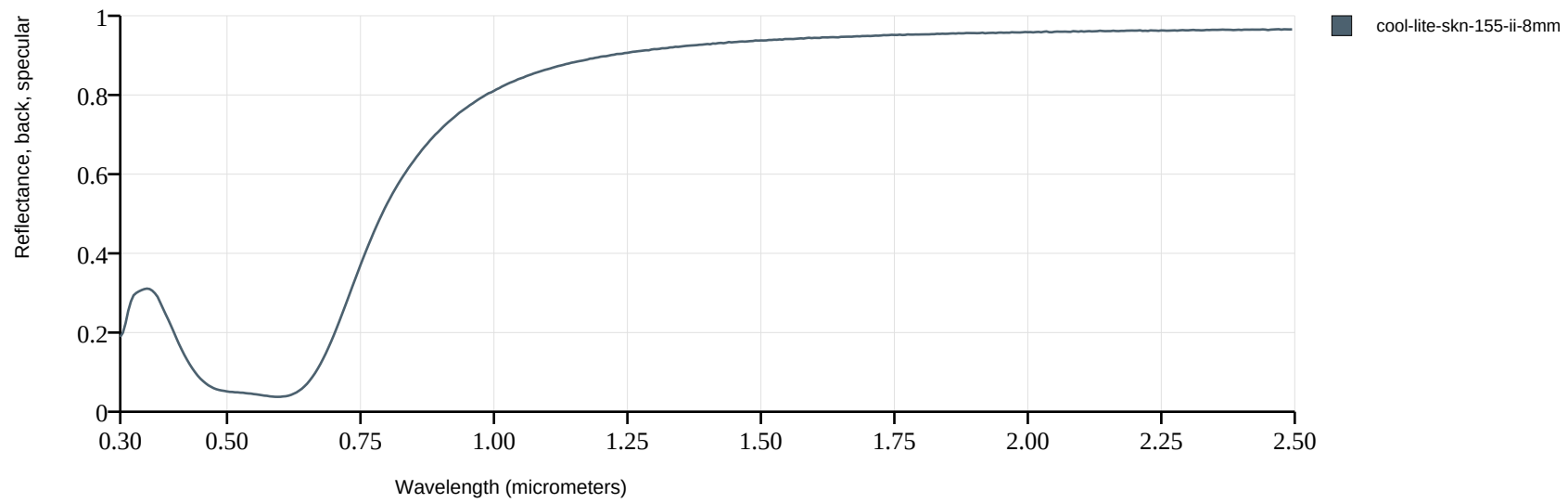
SOLAR - Tf Saint-Gobain Glass : Group 2



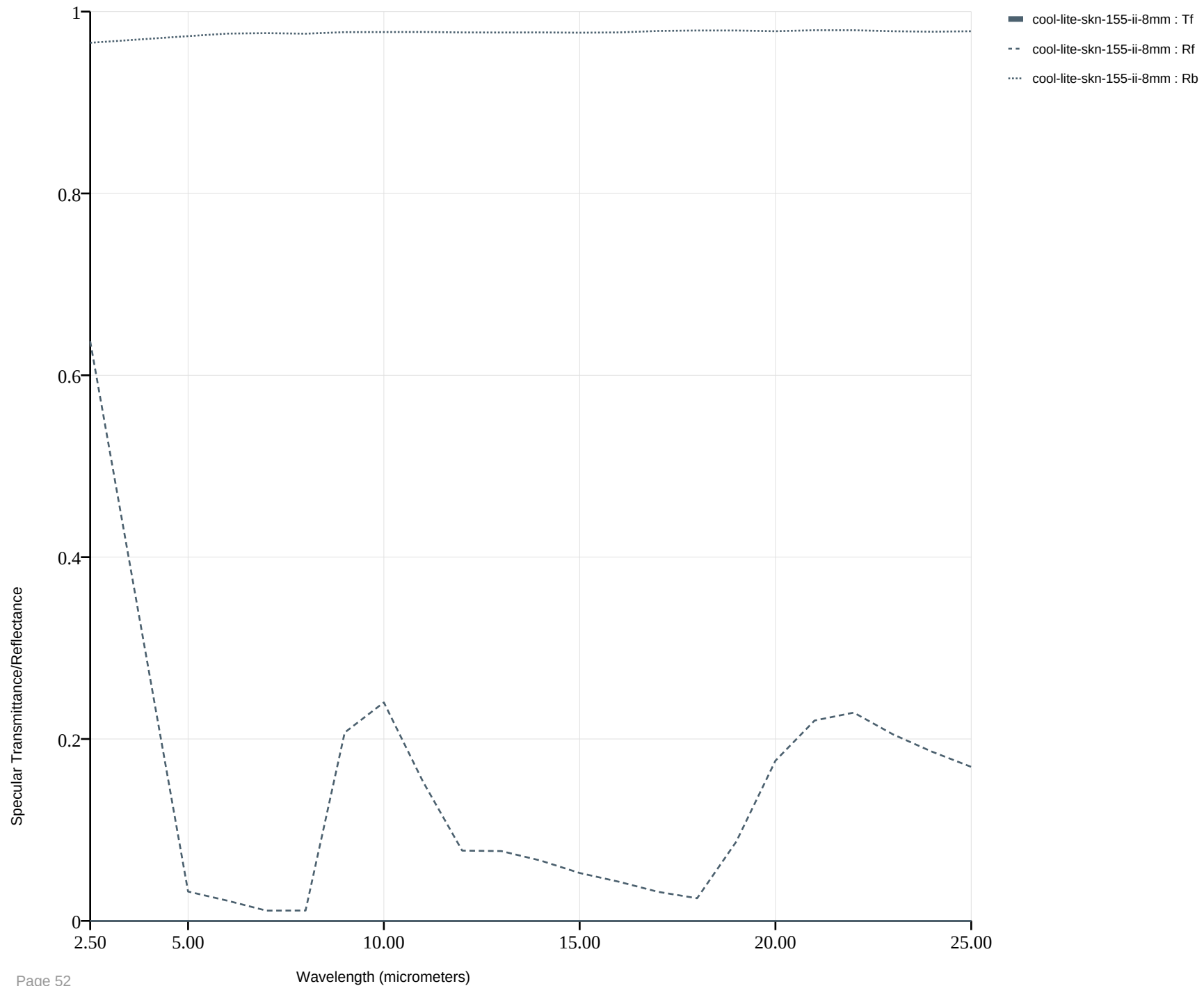
SOLAR - Rf Saint-Gobain Glass : Group 2



SOLAR - Rb Saint-Gobain Glass : Group 2



IR : Saint-Gobain Glass : Group 2



Manufacturer : Shandong Jinjing Science&technology; Stock co., LTD

Total products for this manufacturer : 8

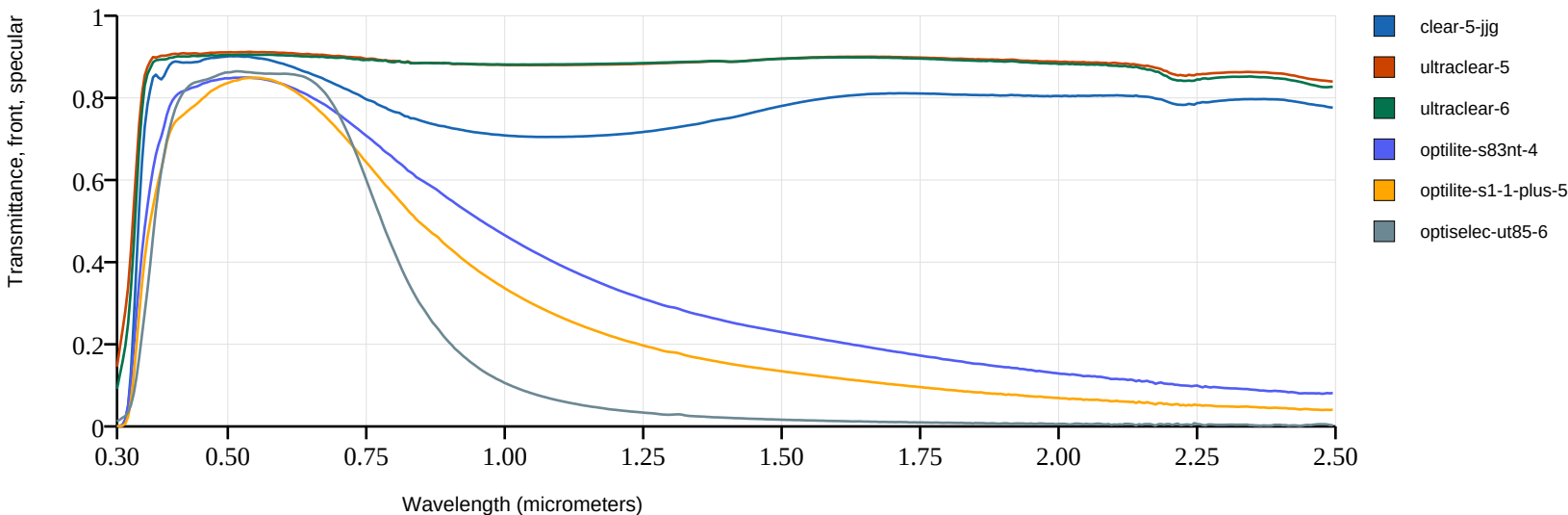
Product Table

(Values are direct-hemispherical)

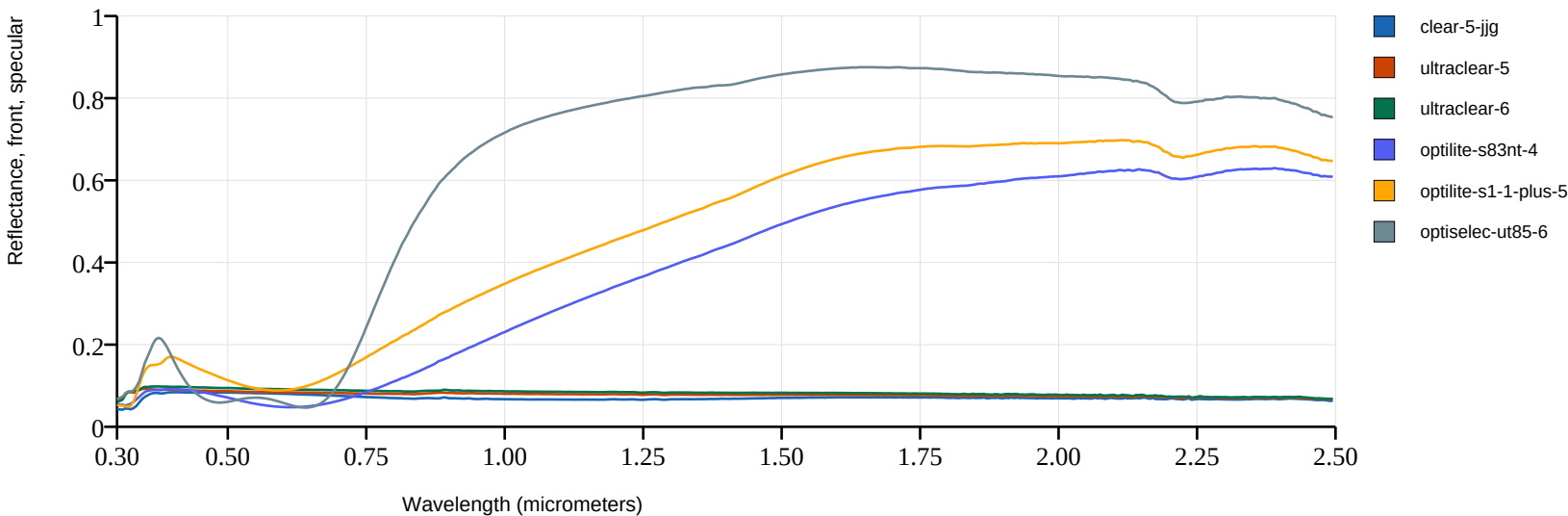
Data Filename	Product Name	Subtype	NFRC	Coated Side	Thickness (mm)	Tfsol	Rfsol	Rbsol	Tfvis	Rfvis	Rbvis	Ef	Eb
Clear_5.JJG	Clear_5	MONOLITHIC	17645	NOT_APPLICABLE	4.860	0.804	0.074	0.074	0.892	0.082	0.082	0.840	0.840
UltraClear_5.JJG	UltraClear_5	MONOLITHIC	17646	NOT_APPLICABLE	4.870	0.894	0.082	0.082	0.911	0.085	0.085	0.840	0.840
UltraClear_6.JJG	UltraClear_6	MONOLITHIC	17647	NOT_APPLICABLE	5.830	0.890	0.088	0.088	0.904	0.092	0.092	0.840	0.840
Optilite S83NT_4.JJG	Optilite S83NT_4	COATED	17648	BACK	3.920	0.601	0.189	0.238	0.842	0.057	0.043	0.842	0.113
Optilite S1.1 Plus_5.JJG	Optilite S1.1 Plus_5	COATED	17649	BACK	4.930	0.536	0.270	0.339	0.838	0.097	0.077	0.843	0.050
Optiselec UT85_6.JJG	Optiselec UT85_6	COATED	17650	BACK	5.830	0.465	0.398	0.443	0.859	0.065	0.059	0.842	0.032
Optisolar D80_4.JJG	Optisolar D80_4	COATED	17651	BACK	3.900	0.393	0.312	0.400	0.782	0.062	0.052	0.842	0.046
Optisolar D80NT_4.JJG	Optisolar D80NT_4	COATED	17652	BACK	3.890	0.383	0.325	0.420	0.757	0.069	0.053	0.844	0.054

Product Graphs

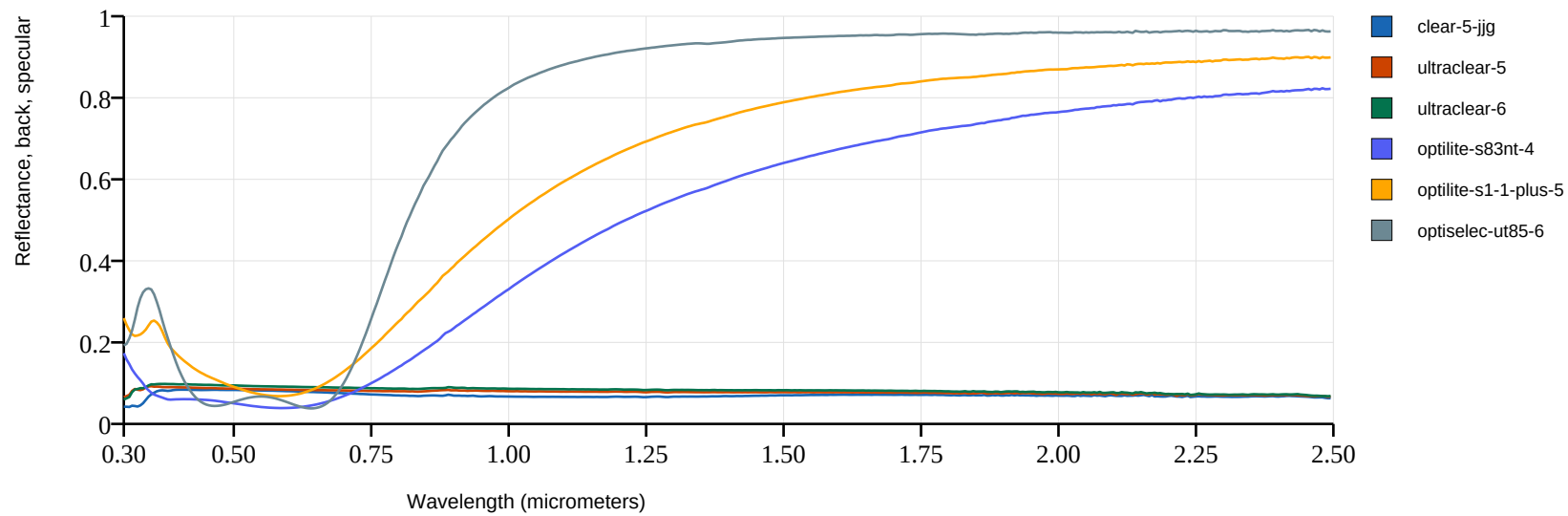
SOLAR - Tf Shandong Jinjing Science&technology; Stock co., LTD



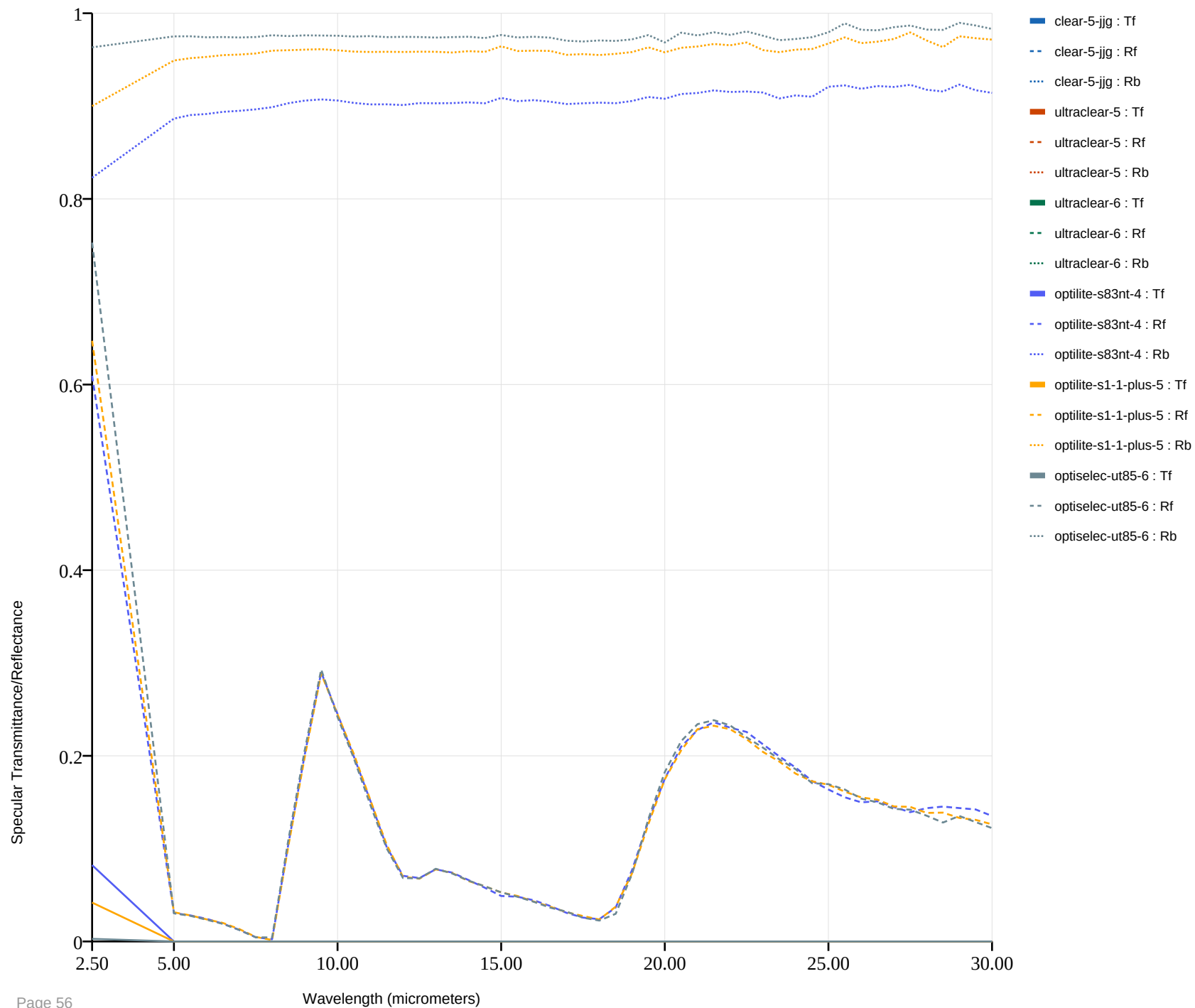
SOLAR - Rf Shandong Jinjing Science&technology; Stock co., LTD



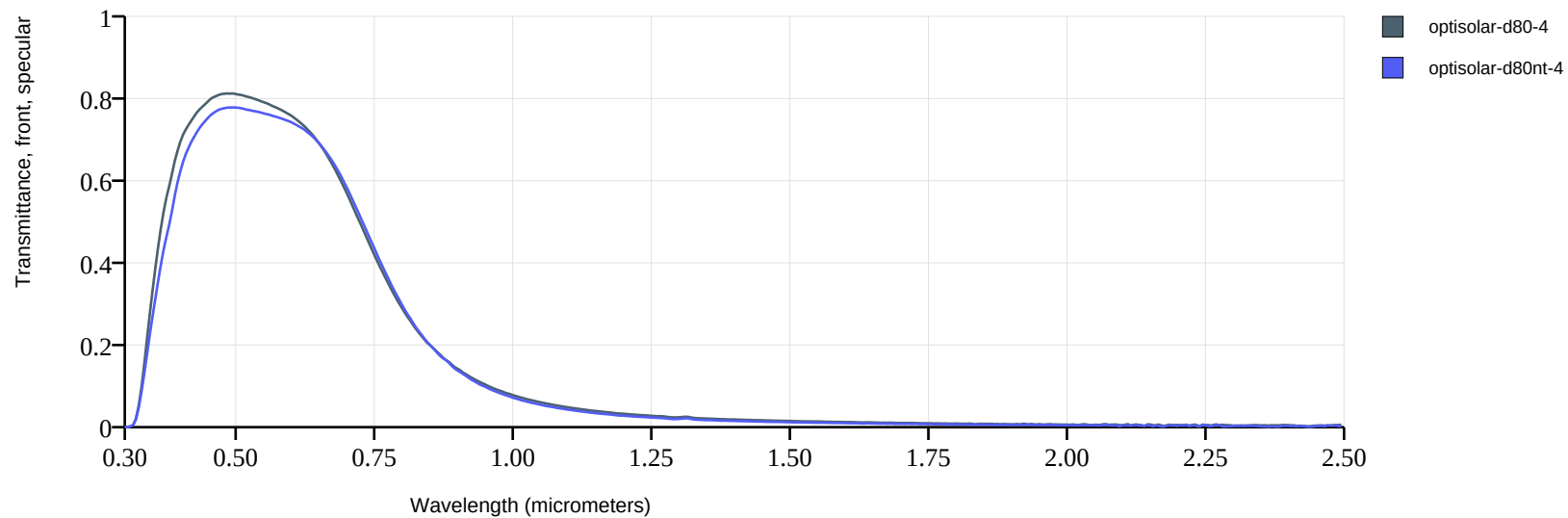
SOLAR - Rb Shandong Jinjing Science&technology; Stock co., LTD



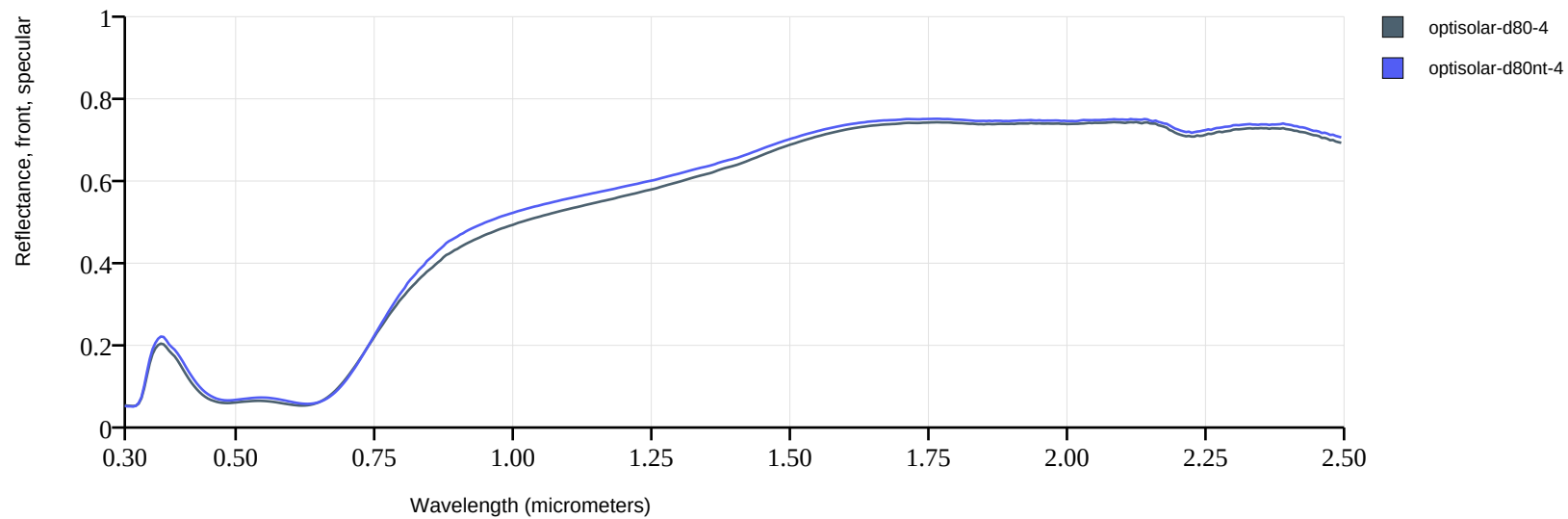
IR : Shandong Jinjing Science&technology; Stock co., LTD



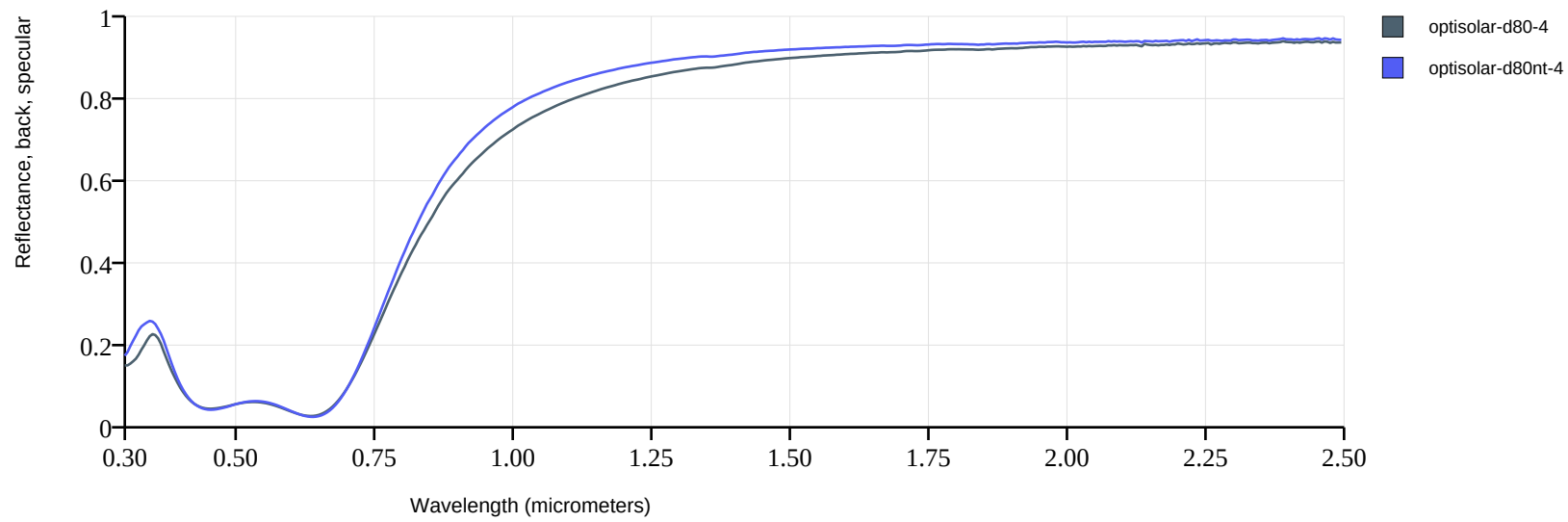
SOLAR - Tf Shandong Jinjing Science&technology; Stock co., LTD : Group 2



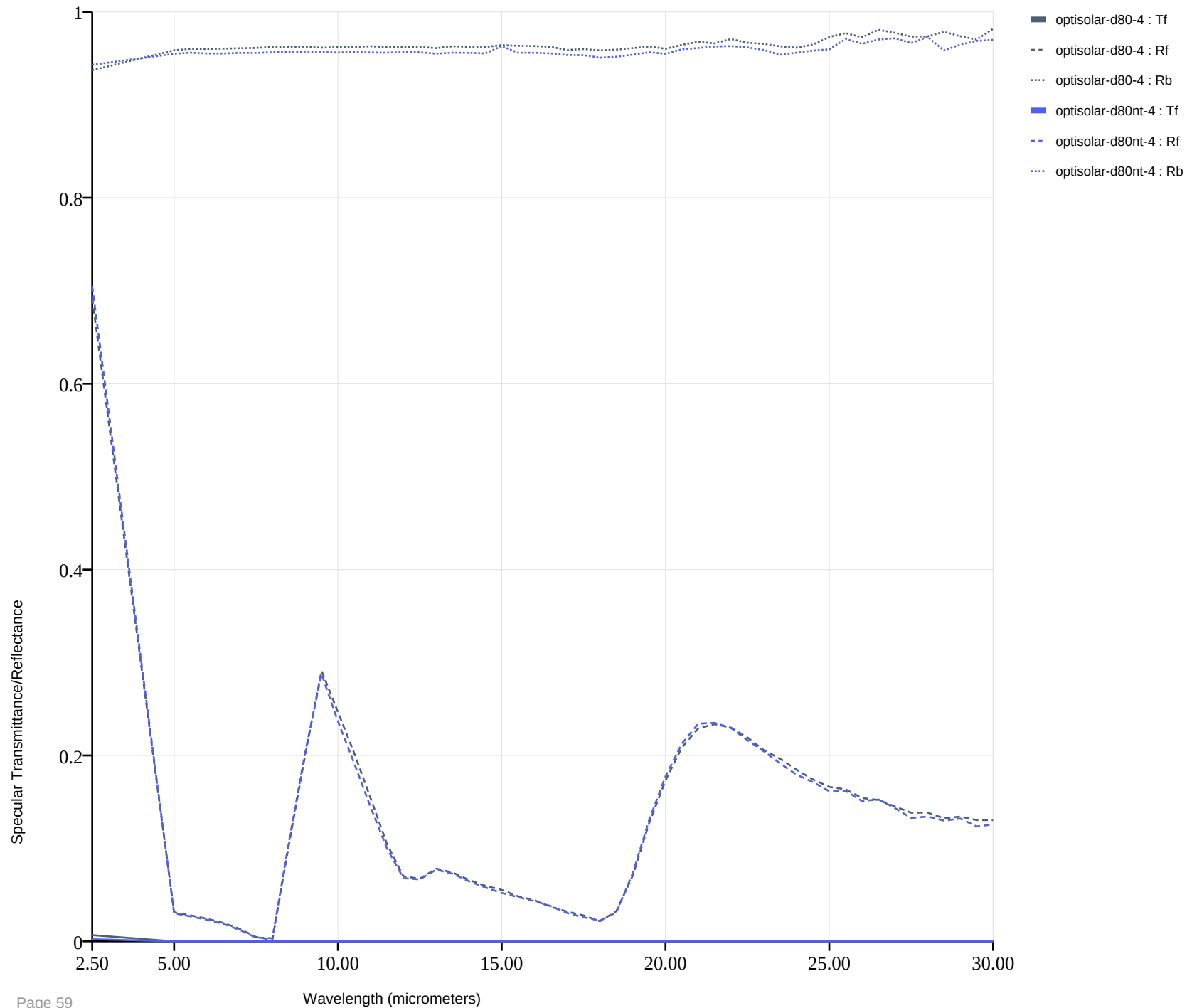
SOLAR - Rf Shandong Jinjing Science&technology; Stock co., LTD : Group 2



SOLAR - Rb Shandong Jinjing Science&technology; Stock co., LTD : Group 2



IR : Shandong Jinjing Science&technology; Stock co., LTD : Group 2



Manufacturer : Viracon

Total products for this manufacturer : 1

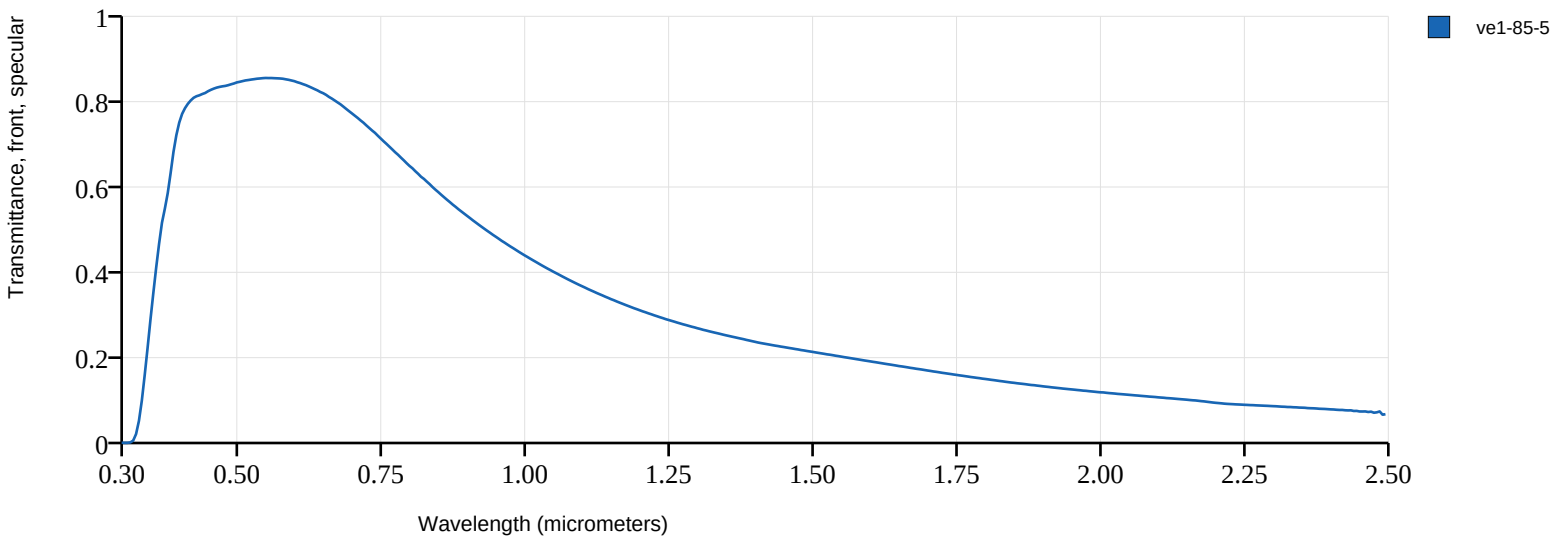
Product Table

(Values are direct-hemispherical)

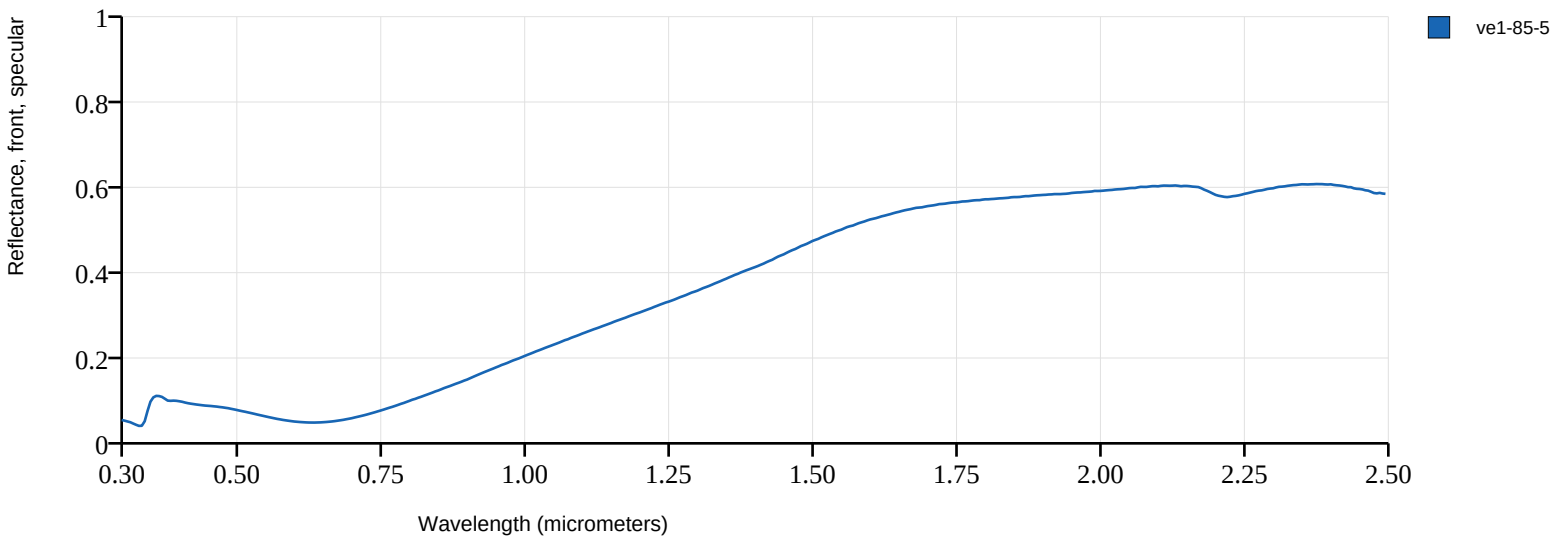
Data Filename	Product Name	Subtype	NFRC	Coated Side	Thickness (mm)	Tfsol	Rfsol	Rbsol	Tfvis	Rfvis	Rbvis	Ef	Eb
VE1-85-5.VIR	VE85 on Clear	COATED	6448	BACK	4.700	0.591	0.180	0.253	0.849	0.063	0.059	0.840	0.088

Product Graphs

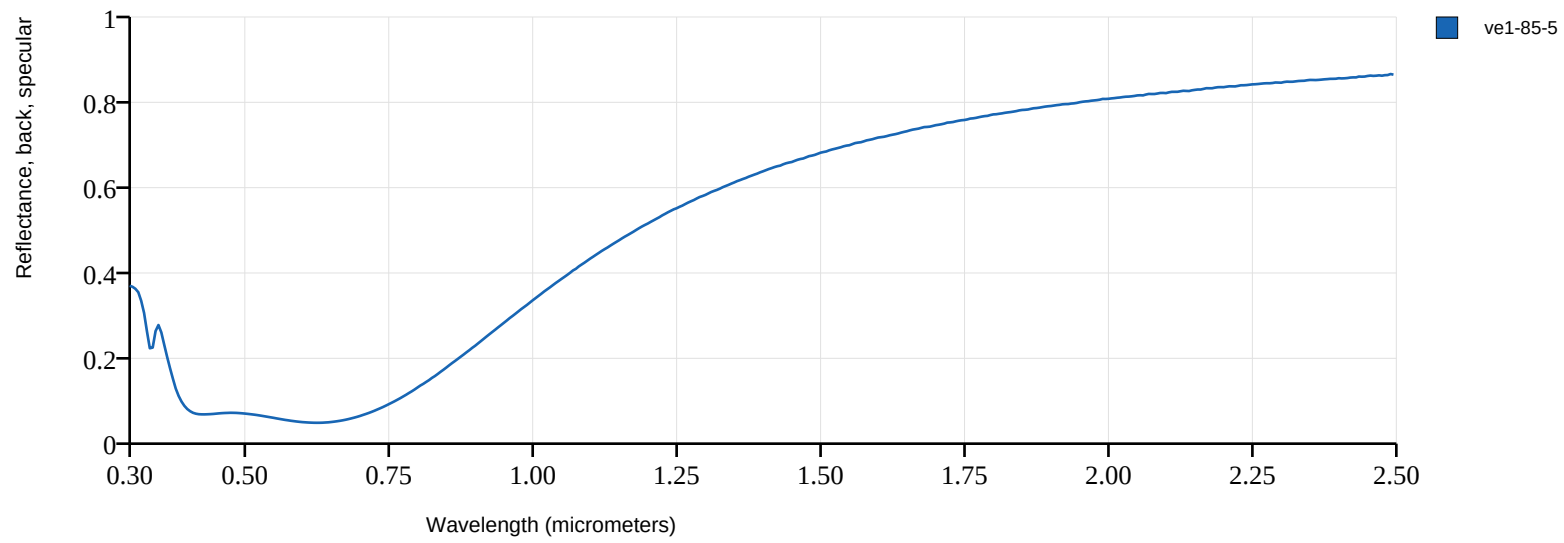
SOLAR - Tf Viracon



SOLAR - Rf Viracon



SOLAR - Rb Viracon



IR : Viracon

