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SAFETY & SECURITY

Film Performance Results - 1/8" (3mm) Thick Clear Glass

Film Type	Adhesive PSA	Adhesive CDA	Solar Energy T%	Solar Energy A%	Solar Energy R%	Visible Light T%	Visible Light A%	Visible Light Exterior R%	Visible Light Interior R%	E	Thermal Energy Summer U-Value	Thermal Energy Winter U-Value	Thermal Energy SC	Thermal Energy SHGC	UV Light T%	Total Solar Energy Rejected (%)
Clear Safety & Security																
2 Mil Clear	•		83	9	8	90	1	9	9	.87	1.04	1.12	.99	.85	<2	14
4 Mil Clear	•		79	13	8	89	2	9	9	.90	1.07	1.14	.96	.82	<2	16
7 Mil Clear	•		79	13	8	88	2	10	10	.90	1.05	1.11	.95	.82	<2	17
8 Mil Clear	•		82	9	9	89	1	10	10	.89	1.06	1.13	.98	.84	<2	15
10 Mil Clear	•		77	14	9	87	2	11	11	.88	1.06	1.13	.94	.81	<2	18
11 Mil Clear 2-Ply	•		78	13	9	88	2	10	10	.89	1.07	1.13	.95	.82	<2	17
14 Mil Clear	•		76	15	9	87	2	11	11	.89	1.07	1.13	.93	.80	<2	19
Solar Safety & Security																
4 Mil Stainless Steel 50 Formerly 4 Mil Stainless Steel 150	•		42	46	12	47	39	14	11	.90	1.14	1.14	.65	.56	<2	43
4 Mil Stainless Steel 35 Formerly 4 Mil Stainless Steel 160	•		39	47	14	42	41	17	14	.84	1.11	1.11	.60	.52	<2	48
4 Mil Stainless Steel 30 Formerly 4 Mil Stainless Steel 165	•		30	53	17	33	47	20	18	.88	1.14	1.13	.53	.45	<2	54
4 Mil Stainless Steel 20 Formerly 4 Mil Stainless Steel 175	•		21	56	23	22	51	27	25	.85	1.13	1.11	.43	.37	<2	63
8 Mil Stainless Steel 50 Formerly 8 Mil Stainless Steel 150	•		40	49	11	44	42	14	11	.88	1.13	1.13	.62	.54	<2	46
8 Mil Stainless Steel 35 Formerly 8 Mil Stainless Steel 160	•		34	52	14	38	46	16	13	.88	1.14	1.13	.57	.49	<2	50
8 Mil Stainless Steel 20 Formerly 8 Mil Stainless Steel 175	•		19	59	22	21	52	27	24	.86	1.14	1.12	.42	.36	<2	63
10 Mil Stainless Steel 50	•		45	43	12	49	37	14	11	.87	1.12	1.12	.67	.57	<2	42
10 Mil Stainless Steel 35	•		37	48	15	41	42	17	14	.89	1.14	1.13	.60	.51	<2	48
4 Mil Solar Bronze 35 Formerly 4 Mil Solar Bronze 165	•		19	39	42	31	40	29	27	.68	1.01	1.03	.34	.29	<2	70
4 Mil Solar Bronze 20 Formerly 4 Mil Solar Bronze 175	•		9	41	50	18	44	38	40	.68	1.01	1.03	.23	.20	<2	80
4 Mil Silver 20 Formerly 4 Mil Silver 80	•		11	37	52	15	26	59	60	.71	1.02	1.04	.24	.20	<2	79
8 Mil Silver 35	•		26	40	34	35	30	35	33	.71	1.03	1.04	.42	.36	<2	63
8 Mil Silver 20 Formerly 8 Mil Silver 80	•		10	39	51	14	28	58	59	.70	1.02	1.04	.24	.20	<2	79
10 Mil Silver 20 Formerly 10 Mil Silver 80	•		12	39	49	17	27	56	55	.70	1.02	1.04	.26	.22	<2	77

Legend

T = Transmittance **A** = Absorptance **R** = Reflectance **E** = Emissivity **U-Value** = Heat Transfer Coefficient **SC** = Shading Coefficient
SHGC = Solar Heat Gain Coefficient **UV** = Ultraviolet

Conversions

2 Mil = 50 micron 4 Mil = 100 micron 7 Mil = 175 micron 8 Mil = 200 micron 10 Mil = 250 micron 11 Mil = 275 micron 14 Mil = 350 micron

Notes:

1. Performance results were generated from testing 1/8" (3mm) thick clear glass and have been measured, calculated and reported in accordance with ASTM, ASHRAE and AIMCAL standards. Performance results are subject to variations within industry standards.

2. Bekaert Specialty Films, LLC is a participating member of AIMCAL, the Association of Industrial Metallizers, Coaters and Laminators. All data reported on performance results has been tested using ASHRAE, ASTM, IWFA and AIMCAL calculations and test procedures. Performance results are subject to variations within industry standards and only intended for estimating purposes.

3. These test data contain only results arrived at after employing specific test procedures and standards. The included data does not constitute a recommendation for, endorsement of, or certification of the product or material tested. These data are provided for informational purposes only and are not to be considered part of the basis of any bargain or transaction involving Bekaert Specialty Films, LLC's ("BSF") products. BSF makes no representation or warranty, expressed or implied, including the implied warranties of merchantability or fitness for a particular purpose, that its products will conform to these test data. BSF's limited warranty should be carefully reviewed prior to purchasing any BSF product. Extrapolation of data from the sample or samples relating to the batch or lot from which data were obtained may not correlate and should be interpreted accordingly with caution. BSF shall not be responsible for variations in quality, composition, appearance, performance, or other feature of similar subject matter produced by persons or under conditions over which BSF has no control.

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