



PRODUCT SPECIFICATIONS

Typical solar properties with film mounted to 1/8" clear glass

	% Solar Transmittance	% Solar Reflectance	% Solar Absorbance	% Visible Light Transmittance	% Visible Light Reflected	Winter-Median "U" Value	Shading Coefficient	% Ultraviolet Rejected	Emissivity	% Total Solar Energy Rejected	Luminous Efficacy	%Solar Heat Reduction	%Glare Reduction
Reflective Series:													
R-15B (Bronze) SR CDF	9	34	57	8	18	.99	.28	99	.70	76	.29	72	91
R-15G (Gray) SR CDF	9	30	61	7	13	.99	.29	99	.70	74	.24	71	92
R-15BL (Blue) SR PS	18	35	47	12	18	1.00	.33	99	.70	72	.36	67	87
R-15GO (Gold) SR PS	12	55	33	15	50	.99	.25	99	.70	79	.60	75	83
R-20 (Silver) SR CDF	12	55	33	15	60	.99	.24	99	.71	79	.63	76	83
R-30B (Bronze) SR CDF	21	22	57	19	12	1.01	.43	99	.74	63	.44	57	79
R-30G (Gray) SR CDF	23	23	54	22	13	1.01	.44	99	.75	62	.50	56	76
R-35 (Silver) SR CDF	22	43	35	28	44	.99	.36	99	.73	68	.78	64	69
R-50 (Silver) SR CDF	37	27	36	47	27	1.03	.53	99	.75	54	.89	47	48
E Series:													
E-1220 (Silver) SR CDF	14	46	40	17	59	.75	.24	99	.36	79	.71	76	81
Deluxe Series:													
DL-15B (Bronze) SR CDF	24	15	61	14	9	1.05	.45	99	.77	61	.31	55	84
DL-15G (Gray) SR CDF	26	15	59	15	9	1.03	.45	99	.78	58	.33	55	83
DL-30GN (Green) SR PS	32	18	50	30	15	1.10	.53	99	.76	54	.57	47	67
N Series: (Llualloy)													
N-1020 (Neutral) SR CDF	22	26	52	24	29	1.10	.43	99	.85	63	.56	57	73
N-1035 (Neutral) SR CDF	35	17	48	35	19	1.10	.55	99	.88	52	.64	45	61
N-1050 (Neutral) SR CDF	48	12	40	48	13	1.11	.64	99	.89	44	.75	36	47
N-1065 (Neutral) SR CDF	63	9	28	70	11	1.14	.82	99	.89	29	.85	18	22
N-1020B (Bronze) SR CDF	13	48	39	19	38	.98	.26	99	.69	77	.73	74	79
N-1035B (Bronze) SR CDF	28	35	37	37	25	1.02	.43	99	.71	62	.86	57	59
N-1050B (Bronze) SR CDF	41	25	34	50	17	1.05	.57	99	.73	51	.88	43	44
Safety Series:													
SCL SR-PS4 (Clear)	86	7	7	89	9	1.14	.99	95	.86	14	.90	1	1
SCL SR-PS7 (Clear)	88	10	2	89	11	1.14	.99	95	.87	12	.90	1	1
SCL SR-PS11 (Clear)	88	10	2	87	12	1.14	.99	95	.87	12	.88	1	3
SCL SR-PS15 (Clear)	78	10	12	87	11	1.05	.95	95	.84	18	.92	5	3
R-30B (Bronze) SR PS4	21	22	57	19	12	1.01	.43	99	.74	63	.44	56	76
R-20 (Silver) SR PS4 and PS8	12	55	33	15	60	.99	.24	99	.71	79	.63	57	79
N-1020 (Neutral) SR PS4 and PS8	22	26	52	24	29	1.10	.43	99	.85	63	.56	57	73
N-1035 (Neutral) SR PS4 and PS8	35	17	48	35	19	1.10	.55	99	.88	52	.64	45	61
N-1050 (Neutral) SR PS4 and PS8	48	12	40	48	13	1.11	.64	99	.89	44	.75	36	47
NUV65 SR PS4	63	9	28	63	11	1.14	.79	99.9	.88	29	.80	18	22
Nonreflective Series:													
NRM-PS2 (Frosted)	67	18	15	69	20	1.09	.82	98	.89	28	.84	18	23
NRMB-PS2 (Bronze)	50	13	37	36	11	1.09	.69	98	.89	39	.52	31	60
NRMM-PS3 (Black)	0	11	89	0	13	1.09	.32	100	.89	72	0	68	100
NRMW-PS3 (White)	10	49	41	7	58	1.09	.25	99	.86	78	.28	75	92
RMS-PS2 (Silver)	13	57	30	16	60	1.05	.24	99	.72	79	.67	76	82
UV CL-SR PS (Clear)	84	9	7	84	9	.99	.99	99.9	.83	14	.85	1	7
Exterior Series:													
RK-20 PS	13	65	22	18	63	.99	.22	99	.71	81	.82	78	80

Solar properties of each film on other typical window systems and definitive film-to-glass recommendations are available from your authorized Llumar Dealer or Regional Distribution Center.

CDF ADHESIVE SYSTEM, Water Activated (Non-Water Reactivable) Adhesive - Clear and Distortion Free.

CPFilms Inc. is a member of the Association of Industrial Metallizers Coaters and Laminators. All data has been measured in accordance with AIMCAL standards. All values averaged from routinely accumulated quality control data.