



SP e-Lite 70 8 mil

Mechanical Properties

Thickness	8 mil
Tensile Strength at Break	28,500 PSI
Break Strength	220 lb/inch
Elongation at Break	125 %
Peel Strength	7 lb/inch

Optical & Solar Properties

	3mm Single	6mm Double
Visible Light Transmitted	65%	60%
Visible Light Reflected (interior)	18%	21%
Visible Light Reflected (exterior)	18%	23%
Ultra Violet Block	99%	99%
Total Solar Energy Reflected	25%	25%
Total Solar Energy Transmitted	38%	33%
Total Solar Energy Absorbed	37%	42%
Emissivity (Room Side)	0.73	0.73
Glare Reduction	27%	26%
Selective InfraRed Reduction (SIRR)	87%	87%
InfraRed Energy Rejection (IRER)	71%	71%
Shading Coefficient	0.56	0.63
Solar Heat Gain Coeff. (G-Value)	0.49	0.54
U-Value Winter (IP)	1.03	0.48
U-Value Winter (SI)	5.85	2.71
Luminous Efficacy	1.16	0.95
Total Solar Energy Rejected	51%	46%

Accredited Safety Tests

Impact AS/NZS 2208 P

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