



SCL SR PS8

CLEAR

PERFORMANCE DATA

Solar Transmittance	78%
Solar Reflectance	9%
Solar Absorptance	13%
Visible Light Transmittance	88%
Visible Light Reflectance: External	11%
Visible Light Reflectance: Internal	11%
Winter Median U Value	1.03
Shading Coefficient	0.94
Ultraviolet Rejection	99%
Emissivity	0.84
Solar Heat Gain Coefficient	0.82
Total Solar Energy Rejection	18%
Light To Solar Heat Gain Ratio	1.07
Summer Solar Heat Gain Reduction	6%
Winter Solar Heat Loss Reduction	0%
Glare Reduction	2%

BENEFITS

- Helps hold shattered glass together should a break occur
- Helps slow down entry through glass
- Pressure-sensitive adhesive has low visual distortion providing optical clarity

PHYSICAL PROPERTIES

Film Thickness: inches	.008
Appearance	Clear
Film Structure	Multi
Tensile Strength: psi (as constructed)	31,071
Tensile Strength: psi (as reported by Polyester Supplier)	32,000
Break Strength: lbs (peak load)	266
Break Strength: lbs (average load)	254
Elongation at Break	> 100%
Peel Strength: gr/in (lb/in)	> 2720 (> 6)
Puncture Strength: lbs	156

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All physical property data has been measured in accordance to ASTM Standards. All solar property data has been measured in accordance with NFRC standards on clear 1/8" glass. All LLumar protective films pass the ANSI Z97.1 impact test requirements when tested on 1/8 inch or 1/4 inch annealed glass. All values averaged from routinely accumulated quality control data.