

8 mil Clear

MECHANICAL PROPERTIES

Thickness	8 mil
Tensile Strength at Break	28,500 PSI
Break Strength	224 lb/inch
Elongation at Break	125 %
Peel Strength	7 lb/inch

OPTICAL & SOLAR PROPERTIES

3mm Single

Visible Light Transmitted	88%
Visible Light Reflected (Int)	11%
Visible Light Reflected (Ext)	11%
Ultra Violet Block	99%
Total Solar Energy Reflected	9%
Total Solar Energy Transmitted	80%
Total Solar Energy Absorbed	11%
Glare Reduction	2%
Shading Coefficient	0.95
Solar Heat Gain Coeff. (G-Value)	0.83
U-Value Winter (IP)	1.07
U-Value Winter (SI)	6.07
Total Solar Energy Rejected	17%

R22301T PS

SAFETY TESTS

Impact	AS/NZS 2208	✓
	ANSI Z97.1 (48" pendulum fall)	✓
	CPSC 1201 Title 16 (48" pendulum fall)	✓
	EN 12600 Class 1B1	✓

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