

7 mil Clear

MECHANICAL PROPERTIES

Thickness	7 mil
Tensile Strength at Break	26,000 PSI
Break Strength	180 lb/inch
Elongation at Break	140 %
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%

R19801T PS

SAFETY ACCREDITATIONS

Impact	AS/NZS 2208	✓
	ANSI Z97.1 (48" pendulum fall)	✓
	CPSC 1201 Title 16 (48" pendulum fall)	✓
	EN 12600 Class 2B2, 1B1	✓
Fire	BS 476 Fire Propagation	✓
	ASTM D1929 Ignition	✓
	ASTM E84 Surface Burn	
Bomb Blast	GSA Level C (4 psi, 30psi/msec)	P (3B)

Ed-E DS No 1280, March 2012

safety & security

