

# 5 mil Matte

## MECHANICAL PROPERTIES

Thickness	5 mil
Tensile Strength at Break	25,000 PSI
Break Strength	140 lb/inch
Elongation at Break	140 %
Peel Strength	5-7 lb/inch

## OPTICAL & SOLAR PROPERTIES

	3mm Single
Visible Light Transmitted	58 %
Visible Light Reflected (Int)	
Visible Light Reflected (Ext)	25 %
Ultra Violet Block	98 %
Total Solar Energy Reflected	20 %
Total Solar Energy Transmitted	55 %
Total Solar Energy Absorbed	25 %
Glare Reduction	0.90
Shading Coefficient	36 %
Solar Heat Gain Coeff. (G-Value)	0.72
U-Value Winter (IP)	1.07
U-Value Winter (SI)	6.05
Total Solar Energy Rejected	38%

R14811 PS

## SAFETY ACCREDITATIONS

Impact	EN 12600 Class 2B2	✓
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safety & security

