



Solar Gard® Solar Control and Safety & Security Window Films

AC 2 Mil Clear

Performance Results

4mm 4/12/4 mm

Visible Light

TR (%)	Transmittance	85	77
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Solar Energy

IR (%)	IR Rejection 780 to 2500nm	23	-
UV (%)	UV @300 to 380 nm	>99	>99
Tdw (%)	Fade Control UV Tdw-ISO @300 to 700 nm	63	57
FR (%)	Fade Reduction Factor	26	23

Physical Properties

Tnom / T(μm)	Thickness Nominal / Overall	50/75
TS- kg/cm ²	Tensile strength	2,11
ELONG	Elongation	>100%
PEEL - g/cm	Peel Strength	>985
YIELD - kg/cm ²	Yield Strength (at 5%)	5,4
BREAK - kg/cm	Break Strength	11
TEAR - kg	Tear Strength (Graves)	1,5
PUNC - kg	Puncture Strength	16

Safety Testing ⁽¹⁾

EN 12600	Human Impact	N/A
EN 356	Resistance to Manual Attack	N/A
ISO 16933, GSA or ASTM	Bomb Blast Resistance	N/A

⁽¹⁾ for details on available safety testing and test reports, consult www.solargard.com or inquire with your local authorized dealer/distributor.

