

Solar Gard® Solar Control and Safety & Security Window Films

AC 11 Mil Clear



Performance Results

4mm 4/12/4 mm

Visible Light

TR (%)	Transmittance	88	79
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Solar Energy

IR (%)	IR Rejection 780 to 2500nm	30	-
UV (%)	UV @300 to 380 nm	>99	>99
Tdw (%)	Fade Control UV Tdw-ISO @300 to 700 nm	62	56
FR (%)	Fade Reduction Factor	27	24

Physical Properties

Tnom / T(μm)	Thickness Nominal / Overall	275/300
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%)	29,7
BREAK - kg/cm	Break Strength	60,5
TEAR - kg	Tear Strength (Graves)	8,3
PUNC - kg	Puncture Strength	83,9

Safety Testing ⁽¹⁾

EN 12600	Human Impact	1B1
EN 356	Resistance to Manual Attack	Y
ISO 16933, GSA or ASTM	Bomb Blast Resistance	Y

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