

Solar Gard® Solar Control and Safety & Security Window Films

AC 7 Mil Clear

Performance Results

4mm 4/12/4 mm

Visible Light

TR (%)	Transmittance	4mm	4/12/4 mm
		88	80

Solar Energy

IR (%)	IR Rejection 780 to 2500nm	26	-
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	175/200
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%)	18,9
BREAK - kg/cm	Break Strength	38,5
TEAR - kg	Tear Strength (Graves)	5,3
PUNC - kg	Puncture Strength	52,7

Safety Testing ⁽¹⁾

EN 12600	Human Impact	1B1
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.