



Solar Gard® Solar Control and Safety & Security Window Films

# AC 4 Mil Clear

## Performance Results

4mm    4/12/4 mm

### Visible Light

TR (%)	Transmittance	89	80
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### Solar Energy

IR (%)	IR Rejection 780 to 2500nm	24	-
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	100/125
TS- kg/cm <sup>2</sup>	Tensile strength	2,11
ELONG	Elongation	>100%
PEEL - g/cm	Peel Strength	>985
YIELD - kg/cm <sup>2</sup>	Yield Strength (at 5%)	10,8
BREAK - kg/cm	Break Strength	22
TEAR - kg	Tear Strength (Graves)	3
PUNC - kg	Puncture Strength	32

## Safety Testing <sup>(1)</sup>

EN 12600	Human Impact	2B2
EN 356	Resistance to Manual Attack	N/A
ISO 16933, GSA or ASTM	Bomb Blast Resistance	N/A

<sup>(1)</sup> for details on available safety testing and test reports, consult [www.solargard.com](http://www.solargard.com) or inquire with your local authorized dealer/distributor.

