Armorcoat®
Safety & Security Films

Solar Gard® Solar Control and Safety & Security Window Films

8 Mil LX 70

SHATTER RESISTANT WINDOW FILM

Performance Results

		4mm	4/12/4 mm
Visible Light			
TR (%)	Transmittance	72	65
Solar Energy			
TR (%)	Transmittance	38	33
IR (%)	IR Rejection 780 to 2500 nm	95	-
UV (%)	UV blocked @300 to 380 nm	>99	>99
G	Solar Heat Gain Coefficient (G-value)	0,47	0,51
TSER (%)	Total Solar Energy Rejected	53	49
SHGR (%)	Solar Heat Gain Reduction	44	31
Tdw (%)	Fade Control UV Tdw-ISO @300 to 700 nm	47	43
FR (%)	Fade Reduction Factor	45	42

Physical Properties

Tnom/T(µm)	Thickness Nominal / Overall	200/250
TS- kg/cm²	Tensile strength	2,11
ELONG	Elongation	>100%
PEEL-g/cm	Peel Strength	>985
YIELD-kg/cm²	Yield Strength (at 5%)	21,6
BREAK-kg/cm	Break Strength	44
TEAR-kg	Tear Strength (Graves)	6
PUNC-kg	Puncture Strength	60

Safety Testing

(For details on safety testing and test reports, consult www.solargard.com or contact your local authorized dealer/distributor.)

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

INTERNATIONAL WINDOW FILM ASSOCIATION.

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