

» SOLAR GARD® AUTOMOTIVE WINDOW FILMS

Ultra Performance 70

Performance Results

3 mm glass

Visible Light

TR (%)	Transmittance	73
TR (%) at 550 nm	Transmittance at 550 nm	73
Re (%)	Reflectance Exterior	8
Ri (%)	Reflectance Interior	8
GR (%)	Glare Reduction	19

Solar Energy

TSER (%)	Total Solar Energy Rejected	37
SHGR (%)	Solar Heat Gain Reduction	28
IR (%)	IR Rejection 780 to 2500nm	85
UV (%)	Ultraviolet light blocked @300 to 380 nm	>99
Tdw (%)	Fade Control UV Tdw-ISO @300 to 700 nm	(*)
FR (%)	Fade Reduction Factor	(*)

Physical Properties

Tnom / T(μm)	Thickness Nominal / Overall	50/70
ABR (%)	Abrasion Resistance (change after 100 cycles)	<5
TS - kg/cm ²	Tensile strength	2100
PUNC - kg	Puncture Strength	20

*Upon request