

Solar Gard® Solar Control Window Films

LX 70

Performance Results

4 mm 4/12/4 mm

Visible Light

TR (%)	Transmittance	72	65
Re/Ri (%)	Reflectance Exterior/Interior	9/9	16/13
GL (%)	Glare Reduction	20	20

Solar Energy

TR (%)	Transmittance	36	32
A (%)	Absorptance	30	39
R (%)	Reflectance	34	29
IR (%)	IR Rejection 780 to 2500nm	95	-
UV (%)	UV blocked @300 to 380 nm	>99	>99
SC	Shading Coefficient	0,52	0,57
G	Solar Heat Gain Coefficient (G-value)	0,45	0,49
SSI	Solar Selectivity Index (VLT/SHGC)	1,38	1,14
TSER (%)	Total Solar Energy Rejected	55	51
TSER (%) -60°	Total Solar Energy Rejected at 60° angle	59	-
SHGR (%)	Solar Heat Gain Reduction	47	34

E	Emissivity	0,77	
U (W/m²K)	Winter U-Factor (W/m²°C)	5,66	2,66
U Red (%)	Winter Heat Loss Reduction	3	2
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	75/95
TS - kg/cm²	Tensile strength	2100 kg
EPD	Environmental Product Declaration	YES