

Solar Gard® Solar Control Window Films

# LX 40

## Performance Results

4 mm      4/12/4 mm

### Visible Light

TR (%)	Transmittance	42	38
Re/Ri (%)	Reflectance Exterior/Interior	6/7	13/8
GL (%)	Glare Reduction	53	53

### Solar Energy

TR (%)	Transmittance	27	23
A (%)	Absorptance	45	52
R (%)	Reflectance	28	25
IR (%)	IR Rejection 780 to 2500nm	95	-
UV (%)	UV blocked @300 to 380 nm	>99	>99
SC	Shading Coefficient	0,46	0,56
G	Solar Heat Gain Coefficient (G-value)	0,39	0,48
SSI	Solar Selectivity Index (VLT/SHGC)	0,91	0,68
TSER (%)	Total Solar Energy Rejected	61	52
TSER (%) -60°	Total Solar Energy Rejected at 60° angle	65	-
SHGR (%)	Solar Heat Gain Reduction	53	35

E	Emissivity	0,75	0,77
U (W/m²K)	Winter U-Factor (W/m²°C)	5,66	2,66
U Red (%)	Winter Heat Loss Reduction	4	2
Tdw (%)	Fade Control UV Tdw-ISO @300 to 700 nm	28	26
FR (%)	Fade Reduction Factor	67	65

## Physical Properties

Tnom / T(μm)	Thickness Nominal / Overall	75/95
TS - kg/cm²	Tensile strength	2100 kg
EPD	Environmental Product Declaration	YES