

Solar Gard® Solar Control and Safety & Security Window Films

4 Mil Stainless Steel 50

Performance Results

4mm 4/12/4 mm

Visible Light

| TR (%) | Transmittance | 4mm | 4/12/4 mm |
|--------|---------------|-----|-----------|
| | | 47 | 42 |

Solar Energy

| | | | |
|----------|--|------|------|
| TR (%) | Transmittance | 41 | 34 |
| IR (%) | IR Rejection 780 to 2500 nm | 58 | - |
| UV (%) | UV blocked @300 to 380 nm | >99 | >99 |
| G | Solar Heat Gain Coefficient (G-value) | 0,56 | 0,60 |
| TSER (%) | Total Solar Energy Rejected | 44 | 40 |
| SHGR (%) | Solar Heat Gain Reduction | 34 | 18 |
| Tdw (%) | Fade Control UV Tdw-ISO @300 to 700 nm | 33 | 30 |
| FR (%) | Fade Reduction Factor | 61 | 59 |

Physical Properties

| | | |
|--------------------------|-----------------------------|---------|
| Tnom/T(μm) | Thickness Nominal / Overall | 100/150 |
| TS- kg/cm ² | Tensile strength | 2,11 |
| ELONG | Elongation | >100% |
| PEEL-g/cm | Peel Strength | >985 |
| YIELD-kg/cm ² | 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 (For details on safety testing and test reports, consult www.solargard.com or contact your local authorized dealer/distributor.)

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