

# TSG-335

## Solar Optical Performance Data

**Center of Glass Measurements:\***

**Total Solar Energy:**

Transmitted ..... 35%  
 Reflected ..... 28%  
 Absorbed ..... 37%

**Visible Light:**

Transmitted ..... 39%  
 Reflected Interior ..... 19%  
 Reflected Exterior ..... 25%

U Value ..... 1.02  
 Emissivity ..... 0.80  
 Ultraviolet Light Rejected ..... 99%

Glare Reduction ..... 56%  
 Shading Coefficient ..... 0.52  
 Solar Heat Gain Coefficient ..... 0.45

Total Solar Energy Rejected ..... 55%



**Window Performance:\*\***

TSG-335					
Type	Default Glazing Reference	SHGC No Film	SHGC With Film	VLT No Film	VLT With Film
Residential	3 mm (1/8in.) clear	0.71	0.38	0.74	0.32
Residential†	3 mm (1/8in.) clear 3 mm (1/8in.) clear	0.63	0.44	0.67	0.29
Non Residential	6 mm (1/4in.) clear	0.75	0.41	0.80	0.34
Non Residential	6 mm (1/4in.) grey	0.53	0.36	0.40	0.17
Non Residential†	6 mm (1/4in.) clear 6 mm (1/4in.) clear	0.65	0.46	0.71	0.31
Non Residential†	6 mm (1/4in.) grey 6 mm (1/4in.) clear	0.42	0.33	0.36	0.15

\* Read in accordance with National Fenestration Rating Council (NFRC) standards on 3mm. clear glass.

\*\*As certified by the National Fenestration Rating Council (NFRC).

† Dual pane window

