

Laminated Glass with Saflex® S377300 interlayer
 Optical, Solar, Thermal and Color Properties Datasheet

The configuration as described below was calculated in Optics and Window 5.2/6.3 using standard NFRC/ASHRAE

Configuration:				
3 mm (1/8 inch) clear ~ Saflex® S377300 ; 0.76 mm (0.030 inch) ~ 3 mm (1/8 inch) clear				
Blue Green				
Optical (%) and Thermal Properties			SI	IP
Solar Transmittance %	63	U factor W/m2-K (Btu/hr-ft2-F)	5.68	1.00
Reflectance Solar (front)	6	Shading Coefficient	0.83	
Reflectance Solar (back)	6	Solar Heat Gain Coefficient (SHGC; g)	0.72	
Visible Light Transmittance %	72	Relative Heat Gain W/m2 (Btu/hr-ft2)	563	179
Visible Reflectance (front) %	7	GST Outboard -18°C (-0.4°F)	-10	13
Visible Reflectance (back) %	7	GST Inboard 21°C (69.8°F)	-9	17
Absorptance (Solar)	31	GST Outboard 32°C (89.6°F)	38	101
Tdw-K	0.24	GST Inboard 24°C (75.2°F)	38	101
Tdw-ISO	0.50	Light to Solar Gain (LSG)	1.00	
Tuv	<1%	Effective Aperture	30%=0.021	80%=0.251

Color Properties	Dom. WL	Purity	L*	a*	b*
Reflectance	0.49	5.00	88.01	-9.58	-0.50
Transmittance	0.49	5.00	31.59	-3.24	-0.88
Color Rendering Index (Transmittance)	90				
R (Transmittance)	200				
G (Transmittance)	226				
B (Transmittance)	220				

Data reported in metric units with US standard units calculated.

For layering purposes this interlayer color may be referenced as Saflex® Interlayer Color #S377300.

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