

**Laminated Glass with Vanceva® #000F interlayer**  
 Optical, Solar, Thermal and Color Properties Datasheet

The configuration as described below was calculated in OPTICSv6 and WINDOW 6.3 using standard NFRC/ASHRAE conditions.

<b>Configuration:</b>				
3 mm (1/8 inch) clear - Vanceva® #000F ; 0.38 mm (0.015 inch) - 3 mm (1/8 inch) clear				
<b>Polar White</b>				
<b>Optical (%) and Thermal Properties</b>			<b>SI</b>	<b>IP</b>
Solar Transmittance %	10	U factor W/m2-K(Btu/hr-ft2-F)	5.72	1.01
Reflectance Solar (front) %	45	Shading Coefficient	0.27	0.27
Reflectance Solar (back) %	47	Solar Heat Gain Coefficient (SHGC; g)	0.23	0.23
Visible Light Transmittance %	7	Relative Heat Gain W/m2 (Btu/hr-ft2)	213	68
Visible Reflectance (front) %	55	GST Outboard -18°C (-0.4°F)	-10	13
Visible Reflectance (back) %	58	GST Inboard 21°C (69.8°F)	-9	17
Absorptance (Solar) %	45	GST Outboard 32°C (89.6°F)	41	106
Tdw-K	0.01	GST Inboard 24°C (75.2°F)	38	100
Tdw-ISO	0.04	Light to Solar Gain (LSG)	0.30	
Tuv %	<1	Effective Aperture	30%=0.166	80%=0.349

<b>Color Properties</b>	<b>Dom. WL</b>	<b>Purity</b>	<b>L*</b>	<b>a*</b>	<b>b*</b>
Transmittance	0.57	11.50	31.48	0.20	4.84
Reflectance	0.49	1.02	79.27	-1.51	-0.24
R (Transmittance)		255			
G (Transmittance)		255			
B (Transmittance)		255			
Color Rendering Index (Reflectance)		98			

Data reported in metric (SI) units with Inch Pound (IP) standard units calculated. GST: Glass surface temperatures - provided for inboard and outboard glass for conditions noted including standard wind conditions.

**For specification purposes color consists of 1 Vanceva color layers and is referenced as Vanceva® Interlayer Color #000F.**

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