

Monolithic Report

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Description	
Pilkington Optilam Clear BF 6.8mm	
Calculated To	Custom
Colour Calculated To	Custom
Comments	Pilkington Optilam Clear BF 6.8mm EN12898:2019 Normal Emissivity (Outer) = 0.89 (Inner) = 0.89

TRANSMISSION DATA	
EN410:2011 Solar Direct AM1 %	78.03
EN410:2011 UV %	0.79
EN410:2011 Colour Rend. Index	99
EN410:2011 Secondary Heat Transfer Factor	3.46
EN410:2011 TSHT %	81.49
EN410:2011 Shading Coefficient Total	0.94
Solar Cell Trans @900nm %	78.86
Solar Cell Trans @1000nm %	78.02
Solar Cell Solar Cell Tsj %	85.15
Solar Cell Solar Cell Tsj %	85.06
ISO9050:2003 AM1.5 CIE Damage Factor %	57.77
ISO9050:2003 AM1.5 Skin Damage Factor %	1.76
EN673:2011 U Value W/(m²K)	5.57

COLOUR TRANSMISSION	
REFLECTION DATA OUTSIDE	
EN410:2011 Visible (D65) %	8.13
EN410:2011 Solar Direct AM1 %	7.29
EN410:2011 Solar Abs %	14.68
EN410:2011 Colour Rend. Index	98
EN410:2011 Light Absorptance %	2.05
EN410:2011 AM1 RIR %	6.75
COLOUR REFLECTION INSIDE	

COLOUR REFLECTION OUTSIDE	
REFLECTION DATA INSIDE	
EN410:2011 Visible (D65) %	8.13
EN410:2011 Solar Direct AM1 %	7.29
EN410:2011 Solar Abs %	14.68
EN410:2011 Colour Rend. Index	98
EN410:2011 Light Absorptance %	2.05
EN410:2011 AM1 RIR %	6.75