

Optical Data of 3G Switchable Film™ /Glass

Light Type	Transmitted Light Intensity (%)			
	3G Switchable Film Film Thickness 175µm x 2		3G Switchable Glass Glass Thickness 5mm x 2	
	Power-Off Opaque State	Power-On Clear State	Power-Off Opaque State	Power-On Clear State
Ultraviolet	0	31	0	0
Visible	0.1	72	0.6	71
Infrared	13	82	6	54

Note:

1. The data are obtained from Solar Film Spectrum Meter at room temperature 24°C.
2. Air is used as a reference of 100% in the measurement.
3. Measuring distance between a sample and sensor is 2 cm.
4. At power-off, transmitted visible light of 3G Switchable Film is 1/1000, which indicates a great vision blocking capability. Meanwhile, major portion of visible light is reflected, and it indicates a great front projection capability.
5. At power-off, transmitted infrared light of 3G Switchable Film is 13% and major portion of infrared is reflected and it indicates a great heat rejection capability for saving energy when used in building.

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