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	Power-On	Power-Off	Power-On
	Opaque State	Clear State	Opaque State	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.

This information presented in this publication is to the best of our knowledge, and typical for the products. Scienstry, Inc. makes no representation or warranty of any kind and assumes no liability for the accuracy of these data.

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