

Parker Chomerics WIN-SHIELD™ Elite EMI Shielded Window

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate, Optical Grade

Material Notes:

Description: Shielded Windows WIN-SHIELD™ Elite EMI shielded windows provide exceptional optical performance without sacrificing EMI shielding. This new generation of shielded windows is designed specifically to address shielding concerns in electronic equipment such as medical devices, industrial process, measurement and control equipment, and test equipment. WIN-SHIELD™ Elite windows use a proprietary mesh shielding design that provides superior light transmission and EMI shielding properties when compared to traditional shielded window designs. Total shielded window light transmittance properties; result from the mesh, substrates and surface finishes used. This new design also minimizes the typical problem with text distortion on display screens caused by the shielding mesh orientation, i.e., the moiré effect. WIN-SHIELD™ Elite EMI shielded windows are manufactured as a fully laminated construction with optically matched adhesives and front and rear UL HB rated, optical grade, polycarbonate substrates. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-WIN-SHIELD-Elite-EMI-Shielded-Window.php

Physical Properties	Metric	English	Comments
Thickness	1200 - 1800 microns	47.2 - 70.9 mil	Standard
	1700 - 2300 microns	66.9 - 90.6 mil	Standard
	2700 - 3300 microns	106 - 130 mil	Standard
	3700 - 4300 microns	146 - 169 mil	Standard

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	70.0 °C	158 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	

Optical Properties	Metric	English	Comments
Transmission, Visible	75 %	75 %	

Electrical Properties	Metric	English	Comments
Shielding Effectiveness	35 dB	35 dB	14" x 14" open aperture; MIL-STD-285; CHO-TM-TPO8
	@Frequency 1.00e+10 Hz	@Frequency 1.00e+10 Hz	
	55 dB	55 dB	14" x 14" open aperture; MIL-STD-285; CHO-TM-TPO8
@Frequency 1.00e+9 Hz	@Frequency 1.00e+9 Hz		
	57 dB	57 dB	14" x 14" open aperture; MIL-STD-

Electrical Properties	@Frequency 2.00e+9 Metric Hz	@Frequency 2.00e+9 English Hz	285; CHO-TM-TPO8 Comments
	67 dB	67 dB	14" x 14" open aperture; MIL-STD-285; CHO-TM-TPO8
	@Frequency 1.00e+8 Hz	@Frequency 1.00e+8 Hz	
	73 dB	73 dB	14" x 14" open aperture; MIL-STD-285; CHO-TM-TPO8
	@Frequency 2.00e+8 Hz	@Frequency 2.00e+8 Hz	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China