

Parker Chomerics Tecknit Teckshield®-F 100 OPI 0.001" Diameter Wire, Allycarbonate EMI Shielding Window

Category : Polymer

Material Notes:

Description: Tecknit Allylcarbonate shielded windows are manufactured by casting a woven EMI shield mesh into a material that has optical properties similar to that of glass. The window offers a lightweight, cost effective alternative to traditional glass laminated shielded windows and is a more flexible material to machine, making it more suited to meet the changing design demands that are part of modern electronics. Application Information: Allylcarbonate windows are ideally suited to applications where there is a requirement to shield displays or visual apertures. Windows are machined using computerized programming technology. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-Tecknit-Teckshield-F-100-OPI-0001-Diameter-Wire-Allycarbonate-EMI-Shielding-Window.php

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	97	97	ASTM D785

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	100 °C	212 °F	
	130 °C	266 °F	1 hour duration
Minimum Service Temperature, Air	-60.0 °C	-76.0 °F	
	-60.0 °C	-76.0 °F	1 hour duration

Optical Properties	Metric	English	Comments
Transmission, Visible	93.3 %	93.3 %	ASTM D1003

Electrical Properties	Metric	English	Comments
Shielding Effectiveness	35 dB	35 dB	Plane Wave
	@Frequency 1.00e+10 Hz	@Frequency 1.00e+10 Hz	
	40 dB	40 dB	H-Field
	@Frequency 100000 Hz	@Frequency 100000 Hz	
52 dB	52 dB	Plane Wave	
@Frequency 1.00e+9 Hz	@Frequency 1.00e+9 Hz		
105 dB	105 dB	E-Field	
@Frequency 1.00e+7	@Frequency 1.00e+7		

Electrical Properties

Hz
Metric

Hz
English

Comments

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