Parker Chomerics Tecknit Teckshield®-F 50 OPI 0.001" Diameter Wire, Allycarbonate EMI Shielding Window

Category : Polymer

Material Notes:

Description: Tecknit Allycarbonate 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: Allylcarbonace windows are ideally suited to applications where there is a requirement to shield displays or visual apertures. Windows are machined using computerized programming technologyInformation provided by Chomerics

Order this product through the following link:
http://www.lookpolymers.com/polymer_Parker-Chomerics-Tecknit-Teckshield-F-50-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	16 dB @Frequency 100000 Hz	16 dB @Frequency 100000 Hz	H-Field
	36 dB @Frequency 1.00e+10 Hz	36 dB @Frequency 1.00e+10 Hz	Plane Wave
	45 dB @Frequency 1.00e+7 Hz	45 dB @Frequency 1.00e+7 Hz	E-Field
	56 dB @Frequency 1.00e+9	56 dB @Frequency 1.00e+9	Plane Wave

Electrical Properties	Metric	English	Comments
	Hz	Hz	

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