

## Parker Chomerics SOFT-SHIELD® 5500 EMI Shielding and Grounding Gasket

Category : Polymer , Thermoset

### Material Notes:

SOFT-SHIELD 5500 EMI gaskets are designed to meet the stringent shielding and mechanical performance requirements of today's commercial electronic enclosures, medical electronics, factory automation equipment, reprographics and grounding applications. A growing number of standard profiles and sizes provide flexibility when selecting a gasket for a specific application. Custom profiles or sizes can also be produced. Information provided by Chomerics

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Parker-Chomerics-SOFT-SHIELD-5500-EMI-Shielding-and-Grounding-Gasket.php](http://www.lookpolymers.com/polymer_Parker-Chomerics-SOFT-SHIELD-5500-EMI-Shielding-and-Grounding-Gasket.php)

Mechanical Properties	Metric	English	Comments
Peel Strength	>= 0.700 kN/m	>= 3.99 pli	ASTM D1000
Compression Set	<= 25 %	<= 25 %	ASTM D3574

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

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	0.0090 ohm	0.0090 ohm	Initial, 168 hours @ 185 °F; CHO-TM-TP57
	0.0090 ohm	0.0090 ohm	Initial, 168 hours @ 250°F; CHO-TM-TP57
	0.0090 ohm	0.0090 ohm	Initial, 168 hours @ 95°F, 95% RH; CHO-TM-TP57
	0.010 ohm	0.010 ohm	Initial, 2190 hours @ 158°F; CHO-TM-TP57
	0.010 ohm	0.010 ohm	Final, 2190 hours @ 158°F; CHO-TM-TP57
	0.014 ohm	0.014 ohm	Final, 168 hours @ 95°F, 95% RH; CHO-TM-TP57
	0.014 ohm	0.014 ohm	Initial, 168 hours @ 185 °F; CHO-TM-TP57
	0.017 ohm	0.017 ohm	Final, 168 hours @ 250°F; CHO-TM-TP57
Shielding Effectiveness	>= 70 dB	>= 70 dB	50 MHz to 10 GHz; CHO-TM-TP08

Descriptive Properties	Value	Comments
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Taber Abrasion, mv/500 Cycles  
Descriptive Properties

0.01 ohms  
Value

ASTM D460  
Comments

## Contact Songhan Plastic Technology Co.,Ltd.

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