

Parker Chomerics Tecknit Teckfip™ FIP-R Formed in Place Conductive Elastomer

Category : Polymer

Material Notes:

Description: FIP-R is based on a very rugged pure silver particle. By using silver as the conductive medium, this compound offers great performance in terms of heat aged electrical conductive stability and prolonged mechanical vibration. In addition to this, the electrical conductivity performance is the highest of all Tecknit FIP compounds. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-Tecknit-Teckfip-FIP-R-Formed-in-Place-Conductive-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.295 - 3.105 g/cc	2.295 - 3.105 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	43 - 57	43 - 57	
Tensile Strength	1.38 MPa	200 psi	
Elongation at Break	100 %	100 %	
Peel Strength	>= 9.00 kN/m	>= 51.4 pli	
Compression Set	10 - 25 %	10 - 25 %	
	28 %	28 %	
	@Temperature 70.0 °C, Time 79200 sec	@Temperature 158 °F, Time 22.0 hour	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	125 °C	257 °F	
Minimum Service Temperature, Air	-55.0 °C	-67.0 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	0.0050 ohm-cm	0.0050 ohm-cm	
Surface Resistance	0.015 ohm	0.015 ohm	
	<= 0.020 ohm	<= 0.020 ohm	
	@Temperature 85.0 °C, Time 605000 sec	@Temperature 185 °F, Time 168 hour	

Processing Properties	Metric	English	Comments
Dry Time	>= 0.200 hour	>= 0.200 hour	Tack Free
Cure Time	<= 1440 min	<= 24.0 hour	
Shelf Life	1.00 Month	1.00 Month	Syringe
	6.00 Month	6.00 Month	Cartridge

Descriptive Properties	Value	Comments
Color	Pale Yellow	
Filler	Pure Silver	

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