

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

Category : Polymer

Material Notes:

Description: FIP-N is similar in performance to FIP-A elastomer and hence offers a good non-corrosive EMI shield in harsh conditions. This material is one of our more cost effective FIP compounds. Information provided by Chomerics

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Specific Gravity	2.975 - 4.025 g/cc	2.975 - 4.025 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	53 - 67	53 - 67	
Tensile Strength	>= 1.38 MPa	>= 200 psi	
Elongation at Break	>= 50 %	>= 50 %	
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	<= 0.020 ohm-cm	<= 0.020 ohm-cm	
Surface Resistance	<= 0.020 ohm	<= 0.020 ohm	

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

Processing Properties	Metric 6.00 Month	English 6.00 Month	Comments Cartridge
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Descriptive Properties	Value	Comments
Color	Pale Yellow	
Filler	Silver/Nickel	

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