

## Parker Chomerics Tecknit Teckfip™ HC FIP-E Formed in Place Conductive Elastomer

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

### Material Notes:

Heat cure compound. Commercial grade FIP compound designed for moderate shielding performance. The Ag/glass particles are very smooth which leads to very low compression set value. Information provided by Chomerics

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Parker-Chomerics-Tecknit-Teckfip-HC-FIP-E-Formed-in-Place-Conductive-Elastomer.php](http://www.lookpolymers.com/polymer_Parker-Chomerics-Tecknit-Teckfip-HC-FIP-E-Formed-in-Place-Conductive-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.53 - 2.07 g/cc	1.53 - 2.07 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60 - 80	60 - 80	
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 %	
	23 %	23 %	
	@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	<= 0.010 ohm-cm	<= 0.010 ohm-cm	
Surface Resistance	<= 0.010 ohm	<= 0.010 ohm	
	<= 0.030 ohm	<= 0.030 ohm	
	@Temperature 85.0 °C, Time 605000 sec	@Temperature 185 °F, Time 168 hour	

Processing Properties	Metric	English	Comments
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Processing Properties	60.0 min Metric	1.00 hour English	Comments
	@Temperature 125 °C	@Temperature 257 °F	
Shelf Life	1.00 Month	1.00 Month	Syringe
	6.00 Month	6.00 Month	Cartridge

Descriptive Properties	Value	Comments
Color	Ivory	
Filler	Silver/Glass	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China