

Parker Chomerics ParPHorm® 1800 Non-Conductive Form-in-Place Gasket

Category : Polymer , Thermoset

Material Notes:

Description: A range of conductive particle technologies combined with thermoset and RTV silicone systems provide a material selection for most opportunities. Multiple filler grades balance material cost versus performance and can provide low cost alternatives for less demanding applications. Chomerics corrosion resistant materials inherently provide protection against galvanic activity. They may eliminate the need for nickel or tin plating and or secondary environmental gaskets. Chomerics general purpose materials exhibit excellent electrical and mechanical properties on metallic and shield plastic housing. Chomerics silver filled materials provide high shielding and conductivity critical for inter-compartmental shields. Features: Lower deflection forces and a broad deflection range, Corrosion resistant materials can eliminate plating or secondary environmental gasket, Good adhesion to many substrates, Supply chain management providing ongoing logistics, and Low cost and rapid prototyping. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-ParPHorm-1800-Non-Conductive-Form-in-Place-Gasket.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.40 g/cc	1.40 g/cc	ASTM D297

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	20	20	ASTM D2240
Tensile Strength	>= 1.03 MPa	>= 150 psi	ASTM D412
Elongation at Break	650 %	650 %	ASTM D412
Compression Set	35 % @Temperature 100 °C, Time 252000 sec	35 % @Temperature 212 °F, Time 70.0 hour	25% deflection; ASTM D395

Processing Properties	Metric	English	Comments
Cure Time	18.0 min @Temperature 22.0 °C	0.300 hour @Temperature 71.6 °F	50% RH, Tack Free Time
	240 min @Temperature 22.0 °C	4.00 hour @Temperature 71.6 °F	50% RH, Handling Time
	1440 min @Temperature 22.0 °C	24.0 hour @Temperature 71.6 °F	50% RH, Full Cure

Descriptive Properties	Value	Comments
Color	Dark Grey	

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