

Precision Polymer Engineering Perlast® G80T Perfluoroelastomer

Category : Polymer , Thermoset , Fluoropolymer, TS , Thermoset Fluoroelastomer , Rubber or Thermoset Elastomer (TSE)

Material Notes:

A black perfluoroelastomer compound with excellent steam resistance and mechanical properties. It has extremely low outgassing properties. Applications: For use in applications which require long-term exposure to temperatures in excess of 260°C (500°F) and short term up to 310°C (590°F). Do not use any Perlast® grade with molten alkali metals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-Perlast-G80T-Perfluoroelastomer.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	°IRHD; ASTM D1415
	80	80	°IRHD, 0 change after 72 hours @ 250°C; ASTM D1415
Tensile Strength, Yield	17.48 MPa	2535 psi	-8% change after 72 hours @ 250°C; ASTM D412
	19.0 MPa	2760 psi	ASTM D412
Elongation at Break	125 %	125 %	ASTM D412
	141.25 %	141.25 %	13% change after 72 hours @ 250°C; ASTM D412
100% Modulus	0.011736 GPa	1.7022 ksi	-28% change after 72 hours @ 250°C; ASTM D412
	0.0163 GPa	2.36 ksi	ASTM D412
Compression Set	27 %	27 %	24 hours @ 200°C; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	310 °C	590 °F	
Minimum Service Temperature, Air	-15.0 °C	5.00 °F	
Flash Point	>= 400 °C	>= 752 °F	

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