

Precision Polymer Engineering Perlast® G60S FFKM White Perfluoroelastomer

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

Material Notes:

Perlast ® G60S FFKM is a White Perfluoroelastomer 56-65 °IRHD. It has excellent chemical resistance, steam resistance and mechanical properties. Suitable for use in all food applications, and extraction tested in accordance with United States Food and Drug Administration (FDA) requirements, Code of Federal Regulations CFR 21 § 177.2600(e,f) . In July 2004, G60S gained Food Contact Notification status (FCN) from the FDA (FCN000402). Applications: All food applications. 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-G60S-FFKM-White-Perfluoroelastomer.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	°IRHD; ASTM D1415
	63	63	°IRHD, +3 change after 72 hours @ 250°C; ASTM D1415
Tensile Strength, Yield	9.165 MPa	1329 psi	-35% change after 72 hours @ 250°C; ASTM D412
	14.1 MPa	2050 psi	ASTM D412
Elongation at Break	155 %	155 %	ASTM D412
	186 %	186 %	20% change after 72 hours @ 250°C; ASTM D412
100% Modulus	0.0116 GPa	1.68 ksi	ASTM D412
Compression Set	36 %	36 %	24 hours @ 150°C; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 °C	500 °F	
Minimum Service Temperature, Air	-15.0 °C	5.00 °F	
Flash Point	>= 400 °C	>= 752 °F	

Descriptive Properties	Value	Comments
Extraction Test, 21 CFR 177.2600 (e,f)	pass	Distilled Water
	pass	n-Hexane

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