

Precision Polymer Engineering N70J Nitrile Rubber

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

Material Notes:

Peroxide cured Nitrile Butadiene Rubber (NBR), 66-75 °IRHD. Copolymer of acrylonitrile and butadiene. To meet DTD 5594A standard for resistance to mineral oils. Applications: Excellent resistance in sealing applications for mineral oils. Excellent compression set, tear and abrasion resistance. Good water resistance but poor against ozone and weather.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-N70J-Nitrile-Rubber.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	73	73	°IRHD; ASTM D1415
	79	79	°IRHD, +6 change after 168 hours @ 100°C; ASTM D1415
Tensile Strength, Yield	9.00 MPa	1310 psi	ASTM D412
	11.25 MPa	1632 psi	25% change after 168 hours @ 100°C; ASTM D412
Elongation at Break	168 %	168 %	-16% change after 168 hours @ 100°C; ASTM D412
	200 %	200 %	ASTM D412
Compression Set	30 %	30 %	24 hours @ 100°C; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	120 °C	248 °F	
Minimum Service Temperature, Air	-30.0 °C	-22.0 °F	
	-25.0 °C	-13.0 °F	Temperature at which modulus shall not exceed 70 Mpa
Flash Point	>= 300 °C	>= 572 °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