

Precision Polymer Engineering N80V Nitrile Rubber

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

Material Notes:

Nitrile/PVC Rubber, 75-85 °IRHD. Copolymer of acrylonitrile and butadiene, blended with PVC. ASTM & ISO designation =

NBR.Applications: Excellent resistance to petroleum based oils and fuels. Improved resistance to ozone and weather compared to standard nitrile grades.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-N80V-Nitrile-Rubber.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	°IRHD; ASTM D1415
	65 - 95	65 - 95	°IRHD, ±15 change after 70 hours @ 100°C; ASTM D1415
Tensile Strength, Yield	10.0 MPa	1450 psi	ASTM D412
	7.00 - 13.0 MPa	1020 - 1890 psi	±30% change after 70 hours @ 100°C; ASTM D412
Elongation at Break	62.5 %	62.5 %	-50% change after 70 hours @ 100°C; ASTM D412
	125 %	125 %	ASTM D412
Compression Set	50 %	50 %	24 hours @ 100°C; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	120 °C	248 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	Non-brittle after 3 minutes
	-30.0 °C	-22.0 °F	
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