

Precision Polymer Engineering N60C Nitrile Rubber

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

Material Notes:

Nitrile Butadiene Rubber (NBR). High acrylonitrile (ACN) content. Copolymer of acrylonitrile and butadiene. To meet British Gas Specification BGC/PS/LC6 Class "C", 55-65 IRHD. Approval ref.: 31/6.1.vii. MSL lab code 2P.660. Also meets British Standard BS2494 Type G. Applications: Elastomeric seals for use in pipelines carrying manufactured or natural gas at operating temperatures of -5°C to +40°C and pressures up to 7 bar.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-N60C-Nitrile-Rubber.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	°IRHD; ASTM D1415
	65	65	°IRHD, +5 change after 70 hours @ 70°C; ASTM D1415
Tensile Strength, Yield	8.10 MPa	1170 psi	-10% change after 70 hours @ 70°C; ASTM D412
	9.00 MPa	1310 psi	ASTM D412
Elongation at Break	225 %	225 %	-25% change after 70 hours @ 70°C; ASTM D412
	300 %	300 %	ASTM D412
Compression Set	12 %	12 %	24 hours @ 70°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	
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