

Precision Polymer Engineering R60R Natural Rubber

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

Material Notes:

Natural Rubber & Kevlar® NR6F722, 55-65 °IRHD. ASTM D1418 designation: NR. Kevlar® is a registered trademark of DuPont. ASTM D2000/SAE J200 Type, Class: AA.Applications: Natural rubber offers low compression set, high tensile strength, high resilience and excellent resistance to tear and abrasion. Natural rubber also offers excellent adhesion to metals. Good resistance to a range of organic acids and alcohol's, with moderate resistance to aldehydes. Poor against weathering, ozone and petroleum based oils.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-R60R-Natural-Rubber.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	°IRHD; ASTM D1415
Tensile Strength, Yield	19.0 MPa	2760 psi	ASTM D412
Elongation at Break	515 %	515 %	ASTM D412
Compression Set	40 %	40 %	24 hours @ 70°C; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	100 °C	212 °F	
Minimum Service Temperature, Air	-50.0 °C	-58.0 °F	
	-40.0 °C	-40.0 °F	Non-brittle after 3 minutes
Flash Point	>= 300 °C	>= 572 °F	

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