

Precision Polymer Engineering E20B Ethylene Propylene Rubber

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

Material Notes:

Black, sulphur cured general purpose, ultrasoft EPDM compound, 20-25 °IRHD. Applications: Suitable as an alternative to Norsorex® and cellular rubbers, for low pressure applications with irregular sealing surfaces. Resistant to many household and industrial cleaning agents, for typical short term and low concentration exposure in industrial waste disposal and washing machine applications.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-E20B-Ethylene-Propylene-Rubber.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	24	24	°IRHD; ASTM D1415
	27	27	°IRHD, +3 change after 70 hours @ 70°C; ASTM D1415
Tensile Strength, Yield	3.20 MPa	464 psi	ASTM D412
	4.416 MPa	640.5 psi	38% change after 70 hours @ 70°C; ASTM D412
Elongation at Break	495 %	495 %	ASTM D412
	495 %	495 %	0% change after 70 hours @ 70°C; ASTM D412
Compression Set	15 %	15 %	22 hours @ 70°C; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	110 °C	230 °F	
Minimum Service Temperature, Air	-50.0 °C	-58.0 °F	
Flash Point	>= 200 °C	>= 392 °F	

Descriptive Properties	Value	Comments
Ozone Resistance, ASTM D518	pass	72 hours @ 40°C

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