

Precision Polymer Engineering E63B Ethylene Propylene Rubber

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

Material Notes:

Sulphur cured, Ethylene Propylene Rubber, 55-65 °IRHD. Terpolymer of ethylene, propylene and diene monomers. ASTM & ISO designation = EPDM. Applications: Excellent water and steam resistance with good compression set properties. Not oil resistant.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-E63B-Ethylene-Propylene-Rubber.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	°IRHD; ASTM D1415
	70	70	°IRHD, +10 change after 70 hours @ 100°C; ASTM D1415
Tensile Strength, Yield	7.50 MPa	1090 psi	-25% change after 70 hours @ 100°C; ASTM D412
	10.0 MPa	1450 psi	ASTM D412
Elongation at Break	300 %	300 %	-25% change after 70 hours @ 100°C; ASTM D412
	400 %	400 %	ASTM D412
Compression Set	25 %	25 %	22 hours @ 70°C; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	150 °C	302 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	
	-40.0 °C	-40.0 °F	Non-brittle after 3 minutes
Flash Point	>= 200 °C	>= 392 °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