

Precision Polymer Engineering E60H Ethylene Propylene Rubber

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

Material Notes:

Sulphur cured, off-white Ethylene Propylene Terpolymer, 55-65 °IRHD. Terpolymer of ethylene, propylene and diene monomers. Formulated using only those ingredients determined by the United States Federal Food and Drug Administration (FDA) to be in accordance with Code of Federal Regulations Title (CFR21), Section 177.2600. Extraction tested in distilled water. Applications: Suitable for repeated use with dry and aqueous foodstuffs intended for human consumption. Not suitable for use with fatty foodstuffs.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-E60H-Ethylene-Propylene-Rubber.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	°IRHD; ASTM D1415
	75	75	°IRHD, +15 change after 168 hours @ 125°C; ASTM D1415
Tensile Strength, Yield	11.04 MPa	1601 psi	-20% change after 168 hours @ 125°C; ASTM D412
	13.8 MPa	2000 psi	ASTM D412
Elongation at Break	200 %	200 %	-20% change after 168 hours @ 125°C; ASTM D412
	250 %	250 %	ASTM D412
Compression Set	64 %	64 %	24 hours @ 100°C; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	150 °C	302 °F	
Minimum Service Temperature, Air	-45.0 °C	-49.0 °F	Non-brittle after 3 minutes
	-40.0 °C	-40.0 °F	
Flash Point	>= 200 °C	>= 392 °F	

Descriptive Properties	Value	Comments
Extraction Test, 21 CFR 177.2600	pass	Distilled Water

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