

Precision Polymer Engineering E70Q Ethylene Propylene Rubber

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

Material Notes:

Peroxide cured, Ethylene Propylene Terpolymer, 70-80 °IRHD. Terpolymer of ethylene, propylene and diene monomers. Complies to FDA code of Federal regulations title CFR21 section 177.2600. Water and n-hexane tested. Also complies to the requirements of USP 25, NF20, 2002, Class 6. To meet ASTM D2000/SAE J200 line call-out M5CA710, A25, B35, C32, EA14, F17. Tested to 3A Requirements. Applications: Excellent water and steam resistance. For repeated use in equipment associated with the production of foodstuffs intended for human consumption, and suitable for use in biomedical applications.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-E70Q-Ethylene-Propylene-Rubber.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	75	75	°IRHD; ASTM D1415
Tensile Strength, Yield	8.00 MPa	1160 psi	ASTM D412
Elongation at Break	220 %	220 %	ASTM D412
Compression Set	10 %	10 %	22 hours @ 125°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	

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

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