

Precision Polymer Engineering E80Q Ethylene Propylene Rubber

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

Material Notes:

Peroxide cured, Ethylene Propylene Terpolymer, 75-85 °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 21 (CFR21), Section 177.2600. To meet ASTM D2000/SAE J200 line call-out M4CA610, A25, B35, C32, EA14, F17. ASTM & ISO designation = EPDM. Tested to 3A requirements. Applications: Excellent water and steam resistance with good compression set properties. Superior heat and chemical resistance compared to sulphur cured EPDM. Not mineral oil resistant.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-E80Q-Ethylene-Propylene-Rubber.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	78	78	°IRHD; ASTM D1415
Tensile Strength, Yield	9.00 MPa	1310 psi	ASTM D412
Elongation at Break	220 %	220 %	ASTM D412
Compression Set	28 %	28 %	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	

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