

Precision Polymer Engineering E60E Ethylene Propylene Rubber

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

Material Notes:

Ethylene Propylene Terpolymer, 56-65 °IRHD. Terpolymer of ethylene, propylene and diene monomers. To meet Aerospace Specification DTD5597A Grade 60. Applications: For sealing applications where good fluid resistance and low compression set are of prime importance. For continuous and/or intermittent use in contact with phosphate ester or silicone hydraulic fluids within the temperature ranges as quoted. Suitable for applications in contact with air, this material has excellent resistance to ozone. Unsuitable for use in contact with fuels, mineral oil based and diester oils and silicate fluids or greases derived from these.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-E60E-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 | 8.40 MPa | 1220 psi | -20% change after 168 hours @ 125°C; ASTM D412 |
| | 10.5 MPa | 1520 psi | ASTM D412 |
| Elongation at Break | 240 % | 240 % | -20% change after 168 hours @ 125°C; ASTM D412 |
| | 300 % | 300 % | ASTM D412 |
| Compression Set | 20 % | 20 % | 24 hours @ 100°C; ASTM D395 |

| Thermal Properties | Metric | English | Comments |
|----------------------------------|-----------|-----------|-----------------------------|
| Maximum Service Temperature, Air | 160 °C | 320 °F | |
| Minimum Service Temperature, Air | -60.0 °C | -76.0 °F | |
| | -45.0 °C | -49.0 °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