

## Precision Polymer Engineering E70B Ethylene Propylene Rubber

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

### Material Notes:

General purpose, Ethylene Propylene Rubber, 65-75 °IRHD. Terpolymer of ethylene, propylene and diene monomers. 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-E70B-Ethylene-Propylene-Rubber.php](http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-E70B-Ethylene-Propylene-Rubber.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	67	67	°IRHD; ASTM D1415
	72	72	°IRHD, +5 change after 70 hours @ 100°C; ASTM D1415
Tensile Strength, Yield	10.0 MPa	1450 psi	ASTM D412
	10.5 MPa	1520 psi	5% change after 70 hours @ 100°C; ASTM D412
Elongation at Break	175 %	175 %	-30% change after 70 hours @ 100°C; ASTM D412
	250 %	250 %	ASTM D412
Compression Set	60 %	60 %	70 hours @ 100°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.

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