

## Precision Polymer Engineering E75K Ethylene Propylene Rubber

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

### Material Notes:

Peroxide cured, Ethylene Propylene Terpolymer (EPT), 66-75 °IRHD. Terpolymer of ethylene, propylene and diene monomers. Specially formulated for sealing sulphur hexafluoride (SF6) gas in electrical distribution equipment. Applications: For sealing SF6 gas in electrical distribution equipment, i.e. medium & high voltage switchgear. Also offers excellent resistance to silicone based oils and greases.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Precision-Polymer-Engineering-E75K-Ethylene-Propylene-Rubber.php](http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-E75K-Ethylene-Propylene-Rubber.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	°IRHD; ASTM D1415
	72	72	°IRHD, +2 change after 70 hours @ 100°C; ASTM D1415
Tensile Strength, Yield	14.0 MPa	2030 psi	ASTM D412
	15.4 MPa	2230 psi	10% change after 70 hours @ 100°C; ASTM D412
Elongation at Break	225 %	225 %	ASTM D412
	236.25 %	236.25 %	5% change after 70 hours @ 100°C; ASTM D412
Compression Set	12 %	12 %	70 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	
Flash Point	>= 200 °C	>= 392 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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