

## Precision Polymer Engineering V76E Fluoroelastomer Compound

Category : Polymer , Thermoset , Fluoropolymer, TS , Thermoset Fluoroelastomer , Rubber or Thermoset Elastomer (TSE)

### Material Notes:

ETP polymer. This peroxide cured compound is based on a tetrapolymer of Ethylene, Tetrafluoroethylene (TFE) and Perfluoromethylvinylether (PMVE), and a cure site monomer – 70-80 °IRHD. Applications: This compound offers a higher level of fluid resistance than that of fluoroelastomers. It is not totally perfluorinated, so will not exhibit the ultra-low volume swell associated with Perlast® perfluoroelastomers. It is particularly suited to applications which have contact with strong amines, bases, steam and polar solvents. It improves on the chemical resistance of Aflas® and FKM elastomers, while retaining excellent low temperature performance.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Precision-Polymer-Engineering-V76E-Fluoroelastomer-Compound.php](http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-V76E-Fluoroelastomer-Compound.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	75	75	°IRHD; ASTM D1415
Tensile Strength, Yield	18.4 MPa	2670 psi	ASTM D412
Elongation at Break	180 %	180 %	ASTM D412
Compression Set	20 %	20 %	24 hours @ 200°C; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	206 °C	403 °F	
Minimum Service Temperature, Air	-20.0 °C	-4.00 °F	
Flash Point	>= 315 °C	>= 599 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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