

## Precision Polymer Engineering V75N Fluoroelastomer Compound

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

### Material Notes:

Fluoroelastomer Rubber, 71-80 °IRHD. Copolymer of vinylidene fluoride and hexafluoropropylene. Meets Aerospace Specification DTD5543A Grade E. Note: inactive for new design, replaced by DTD5543B Grade E (= PPE V80D). Applications: Mouldings which are required to operate in contact with air, petroleum, silicone and diester-based liquids. The material is not suitable for use in contact with certain phosphate-ester-based liquids.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Precision-Polymer-Engineering-V75N-Fluoroelastomer-Compound.php](http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-V75N-Fluoroelastomer-Compound.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	75	75	°IRHD; ASTM D1415
	69 - 81	69 - 81	°IRHD, ±6 change after 72 hours @ 250°C; ASTM D1415
Tensile Strength, Yield	11.0 MPa	1600 psi	ASTM D412
Elongation at Break	67.5 %	67.5 %	-55% change after 72 hours @ 250°C; ASTM D412
	150 %	150 %	ASTM D412
Compression Set	35 %	35 %	24 hours @ 200°C; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	200 °C	392 °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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