

## Precision Polymer Engineering V75X Fluoroelastomer Compound

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

### Material Notes:

Graphite incorporated, Fluoroelastomer Rubber, 70-80 °IRHD. Copolymer of vinylidene fluoride and hexafluoropropylene. To meet ASTM D2000 line call-out M2HK710, A1-10, B37, B38, EF31, E078, F15, Z1, where Z1 = comp-set 30% max. Applications: Excellent resistance to oils, fuels and hydraulic fluids at high temperature. Graphite impregnated for use in dynamic applications where low-frictional performance is required.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Precision-Polymer-Engineering-V75X-Fluoroelastomer-Compound.php](http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-V75X-Fluoroelastomer-Compound.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	75	75	°IRHD; ASTM D1415
	85	85	°IRHD, +10 change after 72 hours @ 250°C; ASTM D1415
Tensile Strength, Yield	7.50 MPa	1090 psi	-25% change after 72 hours @ 250°C; ASTM D412
	10.0 MPa	1450 psi	ASTM D412
Elongation at Break	131.25 %	131.25 %	-25% change after 72 hours @ 250°C; ASTM D412
	175 %	175 %	ASTM D412
Compression Set	19 %	19 %	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.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China