

## Precision Polymer Engineering V60F Fluoroelastomer Compound

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

### Material Notes:

Peroxide/Litharge cured, Fluoroelastomer Rubber, 55-65 °IRHD. Tetrapolymer of vinylidene fluoride, hexafluoropropylene and tetrafluoroethylene and cure site monomer (CSM). To meet ASTM D2000 line call-out: MHK610, A1-10, B37, B38, EF31, E078. ASTM designation = FKM. ISO designation = FPM. Applications: Alcohol blended fuel systems (methanol or gasohol), SF/SG engine oils, phosphate ester fluids, acids, hot water and steam. Chemical resistance superior to other FKM's.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Precision-Polymer-Engineering-V60F-Fluoroelastomer-Compound.php](http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-V60F-Fluoroelastomer-Compound.php)

| Mechanical Properties   | Metric   | English  | Comments   |
|-------------------------|----------|----------|--|
| Hardness, Shore A       | 60       | 60       | °IRHD; ASTM D1415                                    |
|                         | 70       | 70       | °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     | 150 %    | 150 %    | -25% change after 72 hours @ 250°C; ASTM D412        |
|                         | 200 %    | 200 %    | ASTM D412  |
| Compression Set         | 30 %     | 30 %     | 22 hours @ 175°C; ASTM D395                          |

| Thermal Properties               | Metric    | English   | Comments |
|----------------------------------|-----------|-----------|----------|
| Maximum Service Temperature, Air | 200 °C    | 392 °F    |          |
| Minimum Service Temperature, Air | -10.0 °C  | 14.0 °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