

Precision Polymer Engineering V90W Fluoroelastomer Compound

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

Material Notes:

Off-White Fluoroelastomer Rubber, 85-95 °IRHD. Copolymer of vinylidene fluoride and hexafluoropropylene. Formulated using only those ingredients determined by the United States Food and Drug Administration (FDA) to be in accordance with Code of Federal Regulations Title 21 (CFR21), Section 177.2600. ASTM designation = FKM. ISO designation = FPM. Applications: Formulated for use in equipment associated with the production of foodstuffs intended for human consumption.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-V90W-Fluoroelastomer-Compound.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	90	90	°IRHD; ASTM D1415
	100	100	°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	75 %	75 %	-25% change after 72 hours @ 250°C; ASTM D412
	100 %	100 %	ASTM D412
Compression Set	50 %	50 %	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

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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