

Fluorosilicone Rubber (FMQ, FVMQ, FSi)

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Resists ozone and oxidizing chemicals, alkali, aromatic chlorinated solvents. Affected by brake fluid, ketones, and hydrazine.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Fluorosilicone-Rubber-FMQ-FVMQ-FSi.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	25 - 90	25 - 90	Depends on compounding
Tensile Strength, Ultimate	8.60 MPa	1250 psi	Compounded Tire
Elongation at Break	100 - 400 %	100 - 400 %	
Compression Set	3.0 %	3.0 %	

Thermal Properties	Metric	English	Comments
CTE, linear	810 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$	450 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$	
	@Temperature 20.0 $^\circ\text{C}$	@Temperature 68.0 $^\circ\text{F}$	
Maximum Service Temperature, Air	200 $^\circ\text{C}$	392 $^\circ\text{F}$	
Minimum Service Temperature, Air	-75.0 - -55.0 $^\circ\text{C}$	-103 - -67.0 $^\circ\text{F}$	

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