

Precision Polymer Engineering S75R Silicone Rubber

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

Material Notes:

Oil Resistant, Red Silicone Rubber, 65-75 °IRHD. Diesel Liner Ring Grade. Silicone rubber having both methyl and vinyl substituent groups on the polymer chain. ASTM & ISO designation = VMQ. Applications: Low compression set grade, offering excellent heat resistance combined with low temperature flexibility. Special oil-resistant formulation, designed primarily for the manufacture of silicone rubber oil seals (liner rings) used in diesel engines.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-S75R-Silicone-Rubber.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	°IRHD; ASTM D1415
	75	75	°IRHD, +5 change after 70 hours @ 225°C; ASTM D1415
Tensile Strength, Yield	6.4077 MPa	929.36 psi	-7% change after 70 hours @ 225°C; ASTM D412
	6.89 MPa	999 psi	ASTM D412
Elongation at Break	120 %	120 %	-25% change after 70 hours @ 225°C; ASTM D412
	160 %	160 %	ASTM D412
Compression Set	16 %	16 %	24 hours @ 175°C; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	250 °C	482 °F	
Minimum Service Temperature, Air	-60.0 °C	-76.0 °F	
	-60.0 °C	-76.0 °F	Non-brittle after 3 minutes
Flash Point	>= 300 °C	>= 572 °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