

Precision Polymer S70R

Silicone

Precision Polymer Engineering Ltd.

Message:

Red Silicone Rubber, 66-75 °IRHD. Silicone rubber having both methyl and vinyl substituent groups on the polymer chain. ASTM & ISO designation = VMQ.

Excellent heat resistance and low temperature flexibility. Used primarily for dry heat static seals. Low physical strength and poor abrasion resistance prevents dynamic sealing.

General Information			
Features	High Heat Resistance		
	Low Temperature Flexibility		
Uses	Seals		
Appearance	Red		
Hardness	Nominal Value		Test Method
IRHD Hardness	70		ASTM D1415, ISO 48
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	7.00	MPa	ASTM D412, ISO 37
Tensile Elongation (Break)	150	%	ASTM D412, ISO 37
Compression Set			
150°C, 70 hr	23	%	ASTM D395B
150°C, 70 hr ¹	23	%	ISO 815
Additional Information	Nominal Value	Unit	
Low Temperature Resistance - Non-brittle after 3 mins	-50	°C	
NOTE			
1.	Type B		

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