

Compound name	Description
7032SR	Silicone 70 Shore A with Iron& Nickel Powder

Properties	Unit	Typical value	Test Method
Hardness	Shore A	70	ASTM D2240
Tensile strength	Mpa	>5	ASTM D412
Elongation at break	%	>300	ASTM D412
Tear strength	KN/m	>15	ASTM D624

Heat Aging (225℃ 70H)

Change in hardness	max	Shore A	10	ASTM D573
Change in tensile strength	max	%	-45	ASTM D573
Change in elongation	max	%	-45	ASTM D573

Fluid Resistance IRM 903 oil (150℃ 70H)

Change in hardness	max	Shore A	-10	ASTM D471
Change in tensile strength	max	%	-50	ASTM D471
Change in elongation	max	%	-50	ASTM D471
Change in volume	max	%	75	ASTM D471

Compression set with 25% compression

22H at 175℃	max	%	35	ASTM D395
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Low Temperature

3minutes at -50 ℃	nonbrittle	Pass	ASTM D2137
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