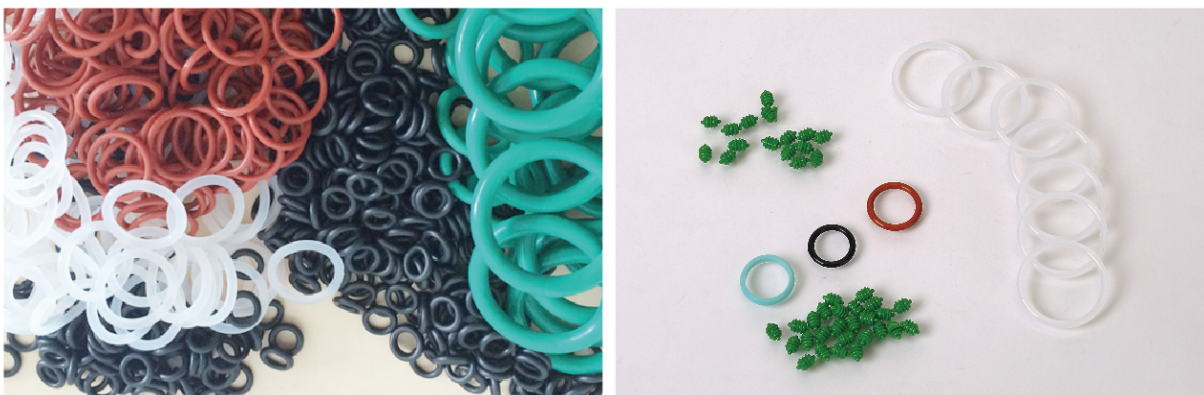


## SELF-LUBRICATING SILICONE RUBBER



### + Characteristics

- Within a certain period of time, the surface of products can precipitate silicone oil for self-lubricating.
- Good physical properties and processability

### + Main Applications

- Automotive industry , machinery industry, and aerospace industry, such as various silicone rubber connectors, sealing elements and washers requiring self-lubricating property with molding process

### + Typical Data

Properties	Product Data					Test Method
	NE-1130	NE-1140	NE-1150	NE-1160	NE-1170	
Appearance	Milk-white, no obvious extraneous matter.					Visual Inspection
Density, g/cm <sup>3</sup>	1.03~1.13	1.08~1.18	1.10~1.20	1.14~1.24	1.17~1.27	ASTM D792
Hardness, Shore A	30±2	40±2	50±2	60±2	70±2	ASTM D2240
Tensile Strength, MPa ≥	6.5	7.5				ASTM D412
Elongation at Break, % ≥	600	500	350	300	220	
Tension Set, % ≤	8					
Tear Strength, Die C kN/m ≥	15	19	22		20	ASTM D624

Properties	Product Data					Test Method
	NE-1230	NE-1240	NE-1250	NE-1260	NE-1270	
Appearance	Milk-white, no obvious extraneous matter.					Visual Inspection
Density, g/cm <sup>3</sup>	1.03~1.11	1.09~1.17	1.11~1.19	1.14~1.22	1.18~1.26	ASTM D792
Hardness, Shore A	32±2	40±2	50±2	60±2	70±2	ASTM D2240
Tensile Strength, MPa ≥	6.5	8.0			7.5	ASTM D412
Elongation at Break, % ≥	700	600	500	400	300	
Tension Set, % ≤	8					
Tear Strength, Die C kN/m ≥	20	30	35			ASTM D624

Properties	Product Data						Test Method
	NE-1320	NE-1330	NE-1340	NE-1350	NE-1360	NE-1370	
Appearance	Milk-white, no obvious extraneous matter.						Visual Inspection
Density, g/cm <sup>3</sup>	1.05~1.13	1.06~1.13	1.10~1.17	1.12~1.19	1.15~1.22	1.17~1.25	GB/T 533-2008
Hardness, Shore A	20±2	30±2	40±2	50±2	60±2	70±2	GB/T 531.1-2008
Tensile Strength, MPa ≥	3.0	6.0	6.5	7.0			GB/T 528-2009
Elongation at Break, % ≥	700	550	450	350	300	220	
Tension Set, % ≤	8						
Tear Strength, Die C kN/m ≥	10	15	19	22		20	GB/T 529-2008

- Physical data in the above table is for reference only.
- Curing condition: 175°C\* 5Min.
- Ratio of curing agent liquid 2,5-Dimethyl-2,5-di(tert-butylperoxy)hexane: 0.65%.
- The supplied test report is obtained by the Quality Inspection Department with the curing conditions and testing method of the company; due to the difference of curing conditions and testing method, we can't guarantee that both parties obtain the same testing result, and we suggest that users should use the test data obtained under their own testing conditions as the reference for service performance. All the above performance data and application recommendations are only a reference for use on the service performance of product, instead of a guarantee on the effectiveness or general applicability of our products under a certain application.