

ANTISTATIC SILICONE RUBBER



+ Characteristics

- Stable physical and mechanical properties
- Good processability

+ Applications

- They are specially designed for molded silicone rubber products with requirements for control of static.

+ Typical Data

Properties	Product Data				Test Method
	NE-1440	NE-1450	NE-1460	NE-1470	
Appearance	Milk-white, no extraneous matter.				Visual Inspection
Density, g/cm ³	1.10 ~ 1.16	1.13 ~ 1.18	1.15 ~ 1.20	1.19 ~ 1.24	ASTM D792
Hardness, Shore A	40±2	50±2	60±2	70±2	ASTM D2240
Tensile Strength, MPa ≥	6.0	7.0		6.5	ASTM D412
Elongation at Break, % ≥	450	350	300	200	
Tension Set, % ≤	12				
Tear Strength, Die C kN/m ≥	15	20		16	ASTM D624
Volume resistivity, Ω·cm ≤	1×10 ¹²				IEC 60093

- 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.