

MODIFIED SILICONE RUBBER FOR MOLDING



+ Characteristics

- Corona resistance and Arc resistance
- Stable weatherability and electrical insulating property
- Excellent transparency and physical & mechanical properties

+ Main Applications

- Various wall bushings, electrical insulation products and other industrial products

+ Typical Data

Properties	Product Data						Test Method
	NE-341	NE-345	NE-351	NE-3140	NE-3150	NE-3160	
Appearance	Milk-white, translucent, no obvious extraneous matter.						Visual Inspection
Density, g/cm ³	1.10 ~ 1.14	1.10 ~ 1.15	1.13 ~ 1.17	1.10 ~ 1.14	1.13 ~ 1.17	1.16 ~ 1.20	ASTM D792
Hardness, Shore A	40±2	45±2	50±2	40±2	50±2	60±2	ASTM D2240
Tensile Strength, MPa ≥	7.5	8.0		7.5	8.0		ASTM D412
Elongation at Break, % ≥	450	420	400	450	400	300	
Tension Set, % ≤	5	6		5	6		
Tear Strength, Die C kN/m ≥	20						ASTM D624
Volume Resistivity, Ω · cm ≥	5.0×10 ¹⁴						IEC 60093
Dielectric Strength, kV/mm ≥	20						IEC 60243

- 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.