

Technical Data Sheet



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Liquid Silicone Rubber LR-LSRHE

Description:

Liquid silicone rubber LR-LSRHE liquid silicone rubber (LSR) for high elongation is designed to offer exceptional flexibility and stretchability. Ideal for applications requiring significant deformation without damage.

Excellent performance:

Excellent weather resistance;
Good chemical inertness;
Excellent processing performance;
Good mechanical properties.

Typical Technical Properties:

Test Item	LSRHE-15A/B	LSRHE-20A/B	LSRHE-25A/B	LSRHE-30A/B
Appearance	no obvious mechanical impurities			
Density(g/cm ³)	1.08	1.10	1.12	1.13
Hardness (Shore A)	15	20	25	30
Tensile Strength (MPa ≥)	5.0	6.0	7.0	8.0
Elongation At Break (% ≥)	1000	900	900	900
Tear Strength (kN/m ≥)	10	15	15	15

Applications:

Children's toys, mobile phone pendants, accessories, etc.

How to use

Processing methods: Injection Molding. According to customer requirements, take a certain amount of this product, mix A + B thoroughly, and then vulcanize and form it under high temperature in the mold.

Package &Storage:

In 20kg or 200kg drum

Keep in cool, dry and ventilated place. Keep away from sunlight and fire sources. Keep in unopened

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The offered information of this docs is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are fully satisfactory for end use. Suggestions of use shall not be taken as inducements to infringe any patent. Please confirm with us prior to any problems.

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containers, shelf life is 12 months from the date of production. It is shipped as non-hazardous substance. Storage beyond the shelf life does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.