

Technical Data Sheet



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Liquid Silicone Rubber LR-LSRKB

Description:

Liquid silicone rubber LR-LSRKB liquid silicone rubber (LSR) for keyboards is designed to offer excellent tactile feedback, durability, and resistance to wear. Its flexibility and water-resistant properties make it ideal for protective covers and keypads, ensuring reliable performance and a comfortable user experience in various electronic devices.

Excellent performance:

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

Typical Technical Properties:

Test Item	LSRKB-34A/B
Appearance	no obvious mechanical impurities
Viscosity (Pa.s, 10/s)	100
Density(g/cm ³)	1.12
Hardness (Shore A)	34
Tensile Strength (MPa ≥)	5.0
Elongation At Break (% ≥)	300
Tear Strength (kN/m ≥)	20

Applications:

Keyboard;

How to use

Processing methods: Compression molding, 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.

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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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Package &Storage:

In 20kg or 200kg drum

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