

Technical Data Sheet



www.silfluosilicone.com

Liquid Silicone Rubber LR-LSRLP

Description:

Liquid silicone rubber LR-LSRLP low pressure variable flame-retardant liquid silicone rubber is formulated to provide superior fire resistance while maintaining flexibility and durability.

Excellent performance:

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

Typical Technical Properties:

Test Item	LSRLP- 20A/B	LSRLP- 30A/B	LSRLP- 40A/B	LSRLP- 45A/B
Appearance	Translucent, no obvious mechanical impurities			
Viscosity (Pa.s, 10/s)	130	170	40	60
Density(g/cm ³)	1.09	1.11	1.06	1.08
Hardness (Shore A)	20	30	40	45
Tensile Strength (MPa ≥)	6.0	7.0	3.0	3.5
Elongation At Break (% ≥)	800	600	300	200
Tear Strength (kN/m ≥)	18	25	15	20

Applications:

Cable accessories, cold shrink tubes, insulators, lightning arresters, etc.

How to use

Processing methods: Injection molding, extrusion 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:

Nanjing Silfluo New Material Co., Ltd.

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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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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.