



Liquid Silicone Rubber LR-LSRGP

Description:

Liquid silicone rubber LR-LSRGP is a new type of organic silicone material that is non-toxic and odorless, has excellent weather resistance and chemical inertness, and is one of the high-end organic silicone products.

Excellent performance:

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

Typical Technical Properties:

Test Item	LSRGP-20A/B	LSRGP-30A/B	LSRGP-40A/B	LSRGP-50A/B	LSRGP-60A/B	LSRGP-70A/B
Appearance	Translucent, no obvious mechanical impurities					
Viscosity (Pa.s, 10/s)	200	220	250	270	290	300
Density(g/cm ³)	1.09	1.12	1.14	1.14	1.15	1.15
Hardness (Shore A)	17-23	23-37	37-43	47-53	57-63	67-73
Tensile Strength (MPa ≥)	6.5	7.5	8.5	9.0	8.5	8.0
Elongation At Break (% ≥)	800	700	600	500	400	300
Tear Strength (kN/m ≥)	18	25	35	40	35	25

Applications:

Kitchen products, industrial parts, consumer products, consumer electronics, seals, gaskets, valves

How to use

Processing methods: Injection molding; Compression 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.

Technical Data Sheet

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.