



Liquid Silicone Rubber LR-LSRAN

Description and Feature:

Liquid silicone rubber LR-LSRAN is an antistatic liquid silicone rubber.

It has high strength, excellent antistatic properties, easily colorable, and compliant with RoHS, REACH, and LFGB standards.

Test : A/B ratio is 1:1, 130°C x 5min x15MPa.

Typical Technical Properties:

| Item | LSRAN-44 | LSRAN-54 | LSRAN-64 | LSRAN-74 |
|------------------------------|------------------------------------|----------|----------|----------|
| Appearance | Translucent | | | |
| Viscosity (Pa.s) | 3000 | 3000 | 3000 | 3000 |
| Hardness (Shore A) | 40 | 50 | 60 | 70 |
| Density (g/cm ³) | 1.11 | 1.12 | 1.12 | 1.13 |
| Tensile Strength (MPa) | 9.5 | 10.0 | 10.0 | 9.5 |
| Elongation (%)) | 700 | 550 | 450 | 350 |
| Tear Strength (kN/m) | 25 | 30 | 35 | 35 |
| Surface resistance (Ω) | 10 ⁹ ~10 ¹¹ | | | |
| Volume resistivity (Ω.cm) | 10 ¹⁰ ~10 ¹² | | | |

Application: Suitable for producing mobile phone cases, non-slip mats, suction cups and other products that need to be anti-static and dust-proof, etc.

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.