

1/1

Liquid Silicone Rubber LR-LSRME

Description and Feature: Liquid silicone rubber LR-LSRME is a LSR for medical products. It has excellent transparency and high strength, compliant with ISO10993 biological compatibility test. **Test** : A/B ratio is 1:1, 130°C x 5min x 15MPa.

| · / P. · · · · · · · · · · · · · · · · · · | | | | | | |
|--|-------------|----------|----------|----------|----------|----------|
| Item | LSRME-20 | LSRME-30 | LSRME-40 | LSRME-50 | LSRME-60 | LSRME-70 |
| Appearance | Transparent | | | | | |
| Viscosity (Pa.s) | 2000 | 3000 | 3000 | 3500 | 4000 | 5000 |
| Hardness (Shore A) | 20 | 30 | 40 | 50 | 60 | 70 |
| Density (g/cm ³) | 1.10 | 1.10 | 1.11 | 1.12 | 1.13 | 1.14 |
| Tensile Strength (MPa) | 7.0 | 8.0 | 9.5 | 10.0 | 10.0 | 9.5 |
| Elongation (%) | 880 | 800 | 700 | 550 | 500 | 350 |
| Tear Strength (kN/m) | 16 | 30 | 35 | 40 | 35 | 30 |
| Linear Shrinkage (%) | 2.1 | 2.1 | 2.1 | 2.0 | 2.0 | 2.0 |

Typical Technical Properties:

Application: various kinds of saccule, catheter and other medical products.

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.

Nanjing Silfluo New Material Co., Ltd.

Web: www.silfluosilicone.com Email: inquiry@silfluo.com

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.