



## Liquid Silicone Rubber LR-LSRST

### Description and Feature:

Liquid silicone rubber LR-LSRST is a LSR for super transparent products.

It has high transparency, high strength.

**Test** : A/B ratio is 1:1, 130°C x 5min x 15MPa.

### Typical Technical Properties:

| Product                      | LSRST-30    | LSRST-40 | LSRST-50 | LSRST-60 | LSRST-70 |
|------------------------------|-------------|----------|----------|----------|----------|
| Appearance                   | Transparent |          |          |          |          |
| Viscosity (Pa.s)             | 100         | 100      | 80       | 50       | 50       |
| Hardness (Shore A)           | 30          | 40       | 50       | 60       | 70       |
| Density (g/cm <sup>3</sup> ) | 1.01        | 1.01     | 1.01     | 1.01     | 1.01     |
| Tensile Strength (MPa )      | 4.0         | 4.5      | 6.0      | 7.0      | 8.0      |
| Elongation ( % )             | 150         | 170      | 220      | 150      | 80       |
| Tear Strength (kN/m )        | 12          | 14       | 20       | 18       | 10       |
| Linear Shrinkage (%)         | 2.1         | 2.1      | 2.1      | 2.0      | 2.0      |
| Transmittance (%)            | 94          | 94       | 94       | 94       | 94       |

**Application:** Well-suited for manufacturing LED packaging, eyewear holders, earphone sleeves, and similar 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.