



## Liquid Silicone Rubber LR-LSRNP

### Description and Feature:

Liquid silicone rubber LR-LSRNP is a none post-curing liquid silicone rubber.

It has low volatility, high transparency superior mechanical properties, and certified to comply with RoHS, REACH, FDA, and LFGB standards.

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

### Typical Technical Properties:

Item	LSRNP-20	LSRNP-30	LSRNP-40	LSRNP-50	LSRNP-60	LSRNP-70
Appearance	Transparent					
Hardness (Shore A)	25	30	40	50	62	68
Density (g/cm <sup>3</sup> )	1.10	1.12	1.12	1.13	1.14	1.14
Tensile Strength (MPa)	6.0	8.0	9.0	9.0	10.0	9.5
Elongation (%)	700	650	600	500	450	400
Tear Strength (kN/m)	10	15	20	25	30	35
VOC content (%)	0.35	0.35	0.3	0.3	0.3	0.3

**Application:** Well-suited for manufacturing infant products, including baby bottles, nipples, and similar items.

### 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.