



## Liquid Silicone Rubber LR-LSRDP

### Description and Feature:

Liquid silicone rubber LR-LSRDP is a LSR for pad printing.

It is curing at room temperature, with outstanding bubble release and strong mechanical properties.

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

### Typical Technical Properties:

Item	LSRDP-15	LSRDP-25	LSRDP-35	LSRDP-45
Appearance	Translucent			
Viscosity (Pa.s)	60	30	38	30
Hardness (Shore A)	18	26	35	48
Density (g/cm <sup>3</sup> )	1.03	1.06	1.06	1.10
Tensile Strength (MPa )	2.5	2.8	4.2	5.5
Elongation ( % )	400	380	330	250
Tear Strength (kN/m )	8	9.5	11.5	16
Linear Shrinkage (%)	1.7	1.7	1.7	1.7

**Application:** Suitable for producing pad printing heads and a wide range of molds.

### 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.