



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.

Typical Technical Properties:

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

Application: various kinds of sacculi, 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.