



Liquid Silicone Rubber LR-LSRDH

Description and Feature:

Liquid silicone rubber LR-LSRDH is a highly-transparent and high strength LSR.

It has high strength, high transparency, food grade, compliant with RoHS, REACH, FDA and LFGB.

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

Typical Technical Properties:

Item	LSRD H-10	LSRD H-20	LSRD H-25	LSRD H-30	LSRD H-40	LSRD H-50	LSRD H-55	LSRD H-60	LSRD H-70	LSRD H-80
Appearance	Transparent									
Viscosity (Pa.s)	1500	2000	2500	2500	3000	3500	3500	4000	4000	5500
Hardness (Shore A)	10	20	25	30	40	50	55	60	70	76
Density (g/cm ³)	1.08	1.10	1.10	1.10	1.11	1.12	1.12	1.13	1.14	1.15
Tensile Strength (MPa)	4.5	8.5	7.0	7.5	9.5	10.0	10.0	10.0	9.5	9.0
Elongation (%)	900	880	850	800	700	550	500	450	350	350
Tear Strength (kN/m)	8	12	15	15	25	35	35	35	30	30
Linear Shrinkage (%)	2.3	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0
Transmittanc e (%)	90	90	90	90	90	90	90	90	90	90

Application: Suitable for manufacturing high-end swimming supplies, baby supplies, kitchen supplies, etc.

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.

Nanjing Silfluo New Material Co., Ltd.

1 / 2

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.

Technical Data Sheet



www.silfluosilicone.com

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.

2 / 2

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.