



Liquid Silicone Rubber LR-LSRFC

Description and Feature:

Liquid silicone rubber LR-LSRFC is a fire-retardant liquid silicone rubber for coating.

It has excellent adhesion to substrates, low viscosity, and good ceramic effect.

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

Typical Technical Properties:

Item	LSRFC-40	LSRFC-50	LSRFC-60	LSRFC-50E	LSRFC-70
Appearance	A:Transparent B:Light grey	A: White B: White	A:Light grey B: Grey/black	A:Light grey B:Light grey	A:Transparent B:Grey
A/B ratio	2:100	1:1	1:1	1:1	2:100
Viscosity A (Pa.s)	/	115	80	70	/
Viscosity B (Pa.s)	16	90	80	84	150
Hardness (Shore A)	45	54	63	51	70
Density(g/cm ³)	1.27	1.26	1.58	1.30	1.50
Tensile Strength (MPa)	2.5	5.0	3.0	5.0	3.0
Elongation (%)	220	370	130	350	140
Tear Strength (kN/m)	8	17	7	10	8
Performance index	Excellent ceramic structure	UL94V-0	Excellent ceramic structure	Excellent ceramic structure	UL94V-0

Application: Suitable for manufacturing silicone sheets, glass fiber coatings, coated sponge products, glass fiber sleeves, and more.

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.