



安徽艾约塔硅油有限公司

IOTA CORPORATION LTD.

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Liquid silicone rubber for silicone leather IOTA LSR 3271 Series

Description

The coated liquid silicone rubber is composed of three products:

IOTA LSR 3271 is the surface layer, with excellent release effect;

IOTA-1 is the intermediate layer, providing better strength and flexibility for the product;

IOTA-2 is the bottom layer, which has a certain adhesion with the cloth.

Technical index:

Item	IOTA LSR 3271	IOTA-1	IOTA-2
Appearance	Transparent	White	Translucent
Viscosity (mPa.s)	50000	45000	50000
Density (g/cm ³)	1.04	1.14	1.09
Hardness(ShoreA)	70	43	30
Tensile strength (MPa)	8.0	5.0	4.5
Elongation (%)	100	260	430
Tear strength (KN/m)	15	13	9.8

Advantages:

Good release;

High strength;

Good liquidity

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Application:

Coating release;

Glasses nose holder;

Crafts

Usage

- 1) Mixing ratio: 1:1 weight mixing and remove the air bubble.
- 2) Curing Condition: coated liquid silicone rubber under high temperature, it will cure quickly. The curing time depends on the thickness and curing temperature used.
- 3) Operation time: After mixing components A and B, the validity period of the mixture at 25 ° C is 48 hours.

Clean

Most hydrocarbon solvents can remove uncured silicon. Polar solvents, such as ketone and ethanol, cannot be removed.

Packing and storage

- 1) Package: 20kg / barrel, 200kg /Iron barrel.
- 2) Store at room temperature under 32°C to avoid exposure to rain and sunlight.
- 3) Shelf life:9 months, preferably within 6 months.

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