

Product introduction

LR4030 injection molded liquid silicone is an addition molded platinum sulfide two-component highly transparent liquid silicone. Both A and B are fluid liquids with excellent mechanical properties, suitable for high-strength silicone rubber.

Application scope

LR4030 is mainly used for medical grade products such as baby pacifiers/bottles, respiratory masks, breathing tubes, catheters, and automotive accessories, as well as precision instruments.

Product certification

US FDA food contact material certification
EU SGS food contact material certification
ROHS certification

Features and Benefits

1. High transparency, odorless
2. Suitable for injection molding process
3. Mixing ratio A: B=1:1, easy to operate

Technical Specifications

Product name <i>Sinnosil</i> [®] LR4030	LR-4030	LR-4030A
Appearance	Semitransparent	semitransparent
Mixed viscosity (mpa.s) 25°C	60000 ± 5000	35000
Hardness (Shore A)	40 ± 2	40 ± 2
Specific gravity (g/cm ³)	1.08 ± 0.02	1.08 ± 0.02
Elongation rate (%)	≥ 420	≥ 420
Tensile strength (MPa)	≥ 4.5	≥ 4.5

Packaging & Storage

1. Packaging: 20KG, 200kg or according to customer requirements.
2. This product is non hazardous and should be protected from rain and direct sunlight during transportation.
3. When storing, attention should be paid to cleanliness to avoid dust mixing and contact with acids and alkalis.
4. Storage period: 1 year. If it exceeds the storage period and is analyzed to be qualified, it can still be used.

(Product Effect Display)



Company Information

SINNO INDUSTRY (HONGKONG)CO.,LTD.

ADD: Room 1406, No.1476 Pudong Avenue, Pudong Dist, Shanghai, China 200135

TEL: 0086-21-68552131 FAX: 0086-21-68552130

Http://www.sinnosil.cn Email: sales@org-silicone.com

(For additional product information, please contact your designated Sales Representative)

Sinnosil[®]

The information provided in this Product Bulletin is believed to be accurate and reflective of the product's typical characteristics and potential applications. However, any usage suggestions provided are solely for reference and should not be construed as authorization to violate any domestic or international patents. It is the responsibility of user to conduct comprehensive testing under actual application conditions to verify the product's performance, compatibility, safety, and handling requirements.

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