

Product introduction

LR43 is a two-component, transparent additive liquid silicone rubber with superior vulcanization properties, particularly suitable for coating industries such as fiberglass cloth, cotton cloth, nylon cloth, etc.

Features and benefits

1. Excellent adhesion to substrate and high temperature resistance
2. Can adjust the adhesion performance, temperature resistance, and heat resistance according to the customer's substrate

Technical specifications

Product name	<i>Sinnosil[®]</i> LR43
Appearance	A: Colorless or customer specified viscous liquid B: Colorless or customer specified color liquid with fluidity
Mixed viscosity (mpa. s) 25 °C	30000 ± 5000
Hardness (Shore A)	40 ± 2
Specific gravity (g/cm ³)	1.08 ± 0.02
Elongation rate (%)	≥ 550
Tensile strength (MPa)	≥ 5.0
Initial operation time (min) 25 °C	Can be adjusted according to customer usage conditions
Complete curing time	The general conditions are: 120 °C for 3-5 minutes, and the curing conditions can be customized according to the customer's glue application process and actual equipment conditions.

Matters needing attention

1. The tools for taking A and B agents should be distinguished or wiped clean before use to avoid local clumping caused by mixing of the two and preventing normal use.
2. When using, avoid contact between the rubber material and compounds containing elements such as N, S, P, and Sn, otherwise it may cause non vulcanization or incomplete vulcanization.

Usage method:

1. Usage ratio: A: B=10:1 (weight ratio)
2. Take agent A, add a certain amount of agent B, mix evenly, remove any bubbles, and apply it to the substrate by scraping or rolling.
3. The recommended baking conditions are: 150 °C/3min. The specific baking conditions can be determined by testing based on the thickness of the coating.

Packaging & Storage

1. Packaging: Component A 20KG/drum, Component B 2kg/drum.
2. Sealed storage in a cool, dry, and well ventilated place. The storage period is 1 year, and the ambient temperature is below 37 °C.

Company Information

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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.