

Kafuter LED K-5211

Quick Details

Place of Origin: China (Mainland)

Classification: Other Adhesives

Main Raw Material: Silicone

Usage: Construction, Transportation, Illumination Lighting

Brand Name: kafuter

Model Number: 5211

Brand: kafuter

Item Name: K-5211H

Product Name: silicone grease

Other Name: high conductivity grease

Appearance: white paste

Thermal Conductivity: 1.2

Application: Sealing/bonding

Fields: LED washing wall lights, spotlights, daylight bulbs

Specifications

electrically conductive paint

1. white paste
2. for LED wall light, spotlight, bulbs
3. 1kg/tin
4. thermal conductivity up to 1

Product Description

FEATURES

K-5211 is a silver paint conductive adhesive.

Good performance of thermal conductivity up to 1.2.

Long working temperature (-50°C ~ +200°C)

Higher thixotropic, better elevation coating, and excellent stable properties

No toxic or corrosion, and not dry or dissolve.

APPLICATION

Apply in bonding and sealing in LED washing wall light, spotlight, daylight bulbs, and other lights, lanterns, or candles.

TYPICAL PROPERTIES

Product Name	K-5211H
Appearance	white paste
Penetration(1/10mm,25°c)	260~300
Proportion(g/cm3)	2.0~2.3
Freeness(%.200°c,8h)	≤2.0
Volatility(%.200°c,8h)	≤2.0
Breakdown Voltage Strength (kV/mm)	≥10
Volume Resistivity(Ω.cm)	4×10^{14}
Thermal Conductivity(w/m.k)	≥1.2

HOW TO USE

Preparation

Clean the coating surface and remove the oil and grease.

Application

Squeeze out the thermally conductive silicon grease, and directly coating into the uncoated surface with a thin layer.

The coating ways: brushing, scraping, or roll coating

Attention

The surface should coat evenly by filling the whole gap with a fully thin layer. And make sure not coat too much on the surface.

STORAGE

Store in cool and dry place, the shelf life is **9 months** (≤25°c)