

Flaky Alumina

Product Overview

This product is a high-purity flaky α -alumina processed by unique manufacturing technology, with flaky dense structure, smooth surface, good dispersibility in resin substrate, small thickening amplitude, easy to disperse uniformly and other characteristics.

Product Characteristics

- (1) Flaky alumina is easier to form thermal conductive channels in the matrix, improving the thermal conductivity of the product.
- (2) Single particle size and narrow distribution, can be used with different particle sizes, different morphology, different types of thermally conductive powder compound.
- (3) High purity, excellent thermal conductivity.

Product Application

Used as thermally conductive interface materials, such as thermally conductive silicone gaskets/silicone grease/gel/mud/pouring adhesive, thermally conductive epoxy resin, thermally conductive polyurethane, thermally conductive plastics, and special ceramics. Thermally conductive filler/thermally conductive agent/thermally conductive powder.

Technical Specification

Model	Median particle size D50 (μm)	Maximum particle size D100 (μm)	Moisture (%)	Whiteness (%)	Oil absorption (g/100g)	PH	Conductivity (μS/cm)
GD-SLQ0070	7-8	18-22	0-0.4	97-100	32-35	8.5-9.5	140-160