Spherical Inert Corundum Micro Powder

Product Overview

Spherical inert corundum micro powder is a high-purity alumina material with good fluidity, as well as good thermal conductivity, insulation, high temperature resistance and corrosion resistance. It is mainly used as a thermally conductive and insulating filler material in integrated circuits, electronic chips and other fields, and is also widely used in the production of thermally conductive encapsulation gels in the chemical industry and microelectronics industry.

Spherical inert corundum micro powder, as an emerging thermal conductive material, compared with the spherical alumina powder commonly used in the field of thermal conductive materials, its innovative preparation method and its own crystal of high specific gravity and high density characteristics, so that the manufacturing cost of such materials is lower, and at the same time, its thermal conductivity is higher, and it has a huge potential for upgrading and substitution.

Sinoal Product Data

SINOAL

Product Parameters

Model	Median particle size D50 (μm)	BET (m2/g)
CCB-LQ-05	5±0.5	0.6±0.3
CCB-LQ-10	10±3	0.3±0.2
CCB-LQ-20	20±4	0.3±0.2
CCB-LQ-40	40±5	0.2±0.1
CCB-LQ-60	60±6	0.2±0.1
CCB-LQ-80	80±8	0.2±0.1
CCB-LQ-100	100±10	0.2±0.1

Physical Index						Chemical Index			
Appearance	Whiteness	PH	LOI	Water Content	Conductivity	Al203 (%)	Fe203 (%)	Si02 (%)	Na20 (%)
White Powder	85-95	7.5±1.0	≤0.10	≤0.07	CCB-LQ-05/ LQ-10/ LQ-20≤10, CCB-LQ-40/ LQ-60/ LQ-80/ LQ-100≤10	≥99.5	≤0.02	≤0.10	≤0.30