

High Purity Alumina For Thermal Conductivity

Product Overview

High-purity single-crystal alumina is a cutting-edge product of high-purity alumina. It is a powdered α -alumina composed of α -alumina single crystal particles with a polyhedral shape of octahedron or above. It has the characteristics of high purity, narrow particle size distribution, controllable particle size, and regular morphology.

Product Main Application

- Resin filler (thermal conductive material)
- High-strength and high-density ceramics
- Plasma spraying

Product Characteristic Index

Product Model	Particle size (D50) (μm)	Tap Density (g/cm^3)	Specific surface area (m^2/g)	Si (PPM)	Fe (PPM)	Na (PPM)	Mg (PPM)
A-P-05-H	1-2	1.4-1.6	2-5	≤ 50	≤ 50	≤ 50	≤ 3
A-P-15-H	2-4	1.6-1.8	0.5-2				
A-P-30-H	3-6	1.6-1.8	0.1-1				