

Coarse Powder of Calcined α Alumina

Product Overview

Alpha crystalline alumina products are made by using high-quality raw materials and calcining them in a rotary kiln at a reasonable calcination temperature.

This product has the advantages of high conversion rate, stable crystal shape, and low impurity content. Its products have high mechanical strength, stable shrinkage, good electrical insulation performance, and excellent wear resistance, corrosion resistance, and high temperature resistance.

Main Uses of The Product

Various abrasives, grinding tools and various wear-resistant fillers

Various ceramic-grade and refractory-grade alumina powders

High-aluminum, high-purity structural ceramics

Product Characteristic Index

Product Model	Chemical Composition (%)				Loss on Ignition (%) (≤)	Effective density (g/cm3) (≥)	α-Al2O3 (%) (≥)	Original grain size (μm)
	Al2O3 (≥)	SiO2 (≤)	Fe2O3 (≤)	Na2O (≤)				
A-C-30	99	0.1	0.02	0.35	0.1	3.92	92	0.6-1.2
A-C-30-A	99.3	0.1	0.04	0.4	0.2	3.93	93	2.5±1
A-C-40-MS	99.3	0.1	0.04	0.2	0.2	3.91	91	2±1
A-C-30M	99.3	0.1	0.04	0.4	0.2	3.90	90	≤2