

Boehmite

Product Overview

This product is a kind of well-crystallized boehmite, which is an important precursor for the preparation of crystalline alumina such as γ -Al₂O₃ and α -Al₂O₃.

Main Uses of The Product

Lithium battery diaphragm coating

Positive electrode material coating and other coating materials

Raw materials for catalysts and their carriers

Porous filter membranes

Soft abrasives

High-purity alumina

Product Characteristic Index

Project	Chemical Composition (%)					Physical Properties						
	Ca(PPM) (≤)	Fe(PPM) (≤)	Na(PPM) (≤)	Cu(PPM) (≤)	Moisture (%) (≤)	Ignition loss (%) (≤)	Specific surface area (m ² /g) (≥)	Oil absorption value (ml/100g) (≤)	D50μm	Bulk density (g/cm ³)	Reload density (g/cm ³)	PH
B-D-2	-	400	2000	-	0.5	17	70	-	2.0±0.5	0.3-0.5	-	-
H-BD-0.6	100	80	300	2	0.3	17	4-6	35	0.6-0.8	0.4-0.5	0.6	7-8
H-BD-1	100	80	300	2	0.3	17	4-6	45	1.0-1.2	0.25-0.35	0.4	7-8

Silicon Aluminum Gel

Product Overview

This product has the appearance of white fine powder, is easily soluble in strong acid and strong alkali solutions, and has the characteristics of good molding performance, strong adhesion, small capacity, and low sulfide content.

This product is used as a raw material for petroleum refining catalysts, has high activity for hydrocracking catalysts, and can also be used for hydrotreating catalysts.

Main Uses of The Product

Petroleum refining catalysts , Hydrogenation catalysts

Product Characteristic Index

Chemical Composition (%)		
CaO	≤	0.15
Fe2O3	≤	0.10
Na2O	≤	0.30
Lgnition loss	≤	30
Silicon to aluminum ratio	Customized	
Physical Properties		
Specific surface area (m2/g)		250-400
Bulk density (g/cm3)	≥	0.56