

5N Highly Active Nano Alumina

Product Overview

Using the company's high-quality aluminum source as raw material, ultrafine monodisperse precursors are synthesized through the synergistic effect of induced nucleating agents and growth inhibitors, and template agents are introduced to shape the nano-scale alumina crystal morphology. After high-temperature treatment through a unique activation roasting process, nano-scale, highly active customized crystalline alumina is obtained.

Product Main Application

Optical polishing , Lithium battery solid electrolyte
Positive and negative electrode spraying , Catalyst carrier

Product Characteristic Index

| Product Model | Indicator Parameters | | | Crystal Form | Specific Surface Area (cm2/g) | Main impurity content | | | |
|---------------|----------------------|---------------------|--------------------|--|-------------------------------|-----------------------|----------|----------|----------|
| | D50 (μm) | Tap Density (g/cm3) | Pore volume (ml/g) | | | Si (ppm) | Fe (ppm) | Na (ppm) | Mg (ppm) |
| A-P-005-G | 0.1-0.4 | 0.2-1.0 | 0.4-1.0 | γ, β, α, three phases, two phases mixed or single phase, content can be customized according to requirements | 40-200 | ≤30 | ≤20 | ≤30 | ≤30 |