



Spherical α -Phase Nano Al₂O₃ Powders

10 gm

Size: 80nm

Purity :99.99%

Shape: Spherical

Color: white Powder

Application for α -phase nano al₂o₃ powders:

1. α -phase nano al₂o₃ slurry crystal phase stability, high hardness, good dimensional stability, can be widely used in a variety of plastics, rubber, ceramics, refractories and other products reinforcement toughening.
2. Specially to improve dense ceramics, finish, and thermal fatigue resistance, fracture toughness, creep resistance and wear resistance of polymer products is particularly significant.
3. Since the α -phase high performance nano-alumina slurry is far-infrared emitting material, as a far-infrared emission and thermal insulation materials are used in chemical fiber products and high-pressure sodium lamps.
4. In addition, α -phase al₂o₃ powders high resistivity, with good insulation properties, can be applied to the main parts of YGA laser crystal and the integrated circuit substrate.

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