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Aluminium Oxide Fiber

Aluminium Oxide Fiber (Alumina Fiber)

NS6130-12-000609

Quick Facts

FORMULA	Al ₂ O ₃
FORM	Powder
CAS	1344-28-1



* This image is for graphic purposes only and does not represent the actual product.

TECHNICAL SPECIFICATIONS

>99 %
Purity

1-5 μm
Diameter

<150 μm
Length

Aluminium oxide fiber (alumina fiber) is a high-performance ceramic fiber made mainly of Al₂O₃. It has high strength, excellent thermal stability, chemical resistance, low thermal expansion, and good electrical insulation. It is widely used in furnace insulation, aerospace components, automotive heat shields, ceramic composites, electrical insulation, and high-temperature filters. Its properties make it suitable for extreme-temperature applications.

Applications



- Aerospace components
- Automotive heat shields
- Ceramic-matrix composites
- Electrical insulation
- High-temperature filters

PACK SIZES

25 g / 50 g / 100 g / 500 g / Bulk orders



ISO 9001:2015
CERTIFIED COMPANY

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