

ADVANCED MATERIALS | HIGH-PURITY ALLOY POWDERS

Aluminium

Magnesium Boride Powder

NS6130-12-001566

Quick Facts

FORMULA	AlMgB14
FORM	Powder
Density	2.66g/cm ³



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

TECHNICAL SPECIFICATIONS

99.9 %
Purity

40–60 μm
Particle size · APS

202.64g/mol
Molecular weight

Aluminum magnesium boride or aluminium magnesium boride, Al₃Mg₃B₅, commonly known as BAM, is a compound of aluminum, magnesium, and boron. Traditional fields such as protective coatings and cutting equipment manufacturing can also be widely used in advanced scientific fields such as thermoelectric devices, photodetectors, neutron masks, micromachines, and aerospace key components. BAM aluminum magnesium boride coating is also used on cutting tools.

Applications



- Wear-resistant coatings
- Cutting and machining tools
- Tribological components
- Advanced ceramic composites
- Aerospace and industrial components

PACK SIZES

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



ISO 9001:2015
CERTIFIED COMPANY

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