

# MANGANESE

## Nitride Powder

Magnesium nitride, which possesses the chemical formula  $Mg_3N_2$ , is an inorganic compound of magnesium and nitrogen. Magnesium nitride used in the smelting of special steel or stainless steel, which can give the steel excellent performance such as high strength, creep resistance and pressure resistance, and good corrosion resistance.



**APS**  
40 $\mu$ m

**PURITY**  
99.9%

**Mn<sub>3</sub>N<sub>2</sub>**

**CAS**  
12646-17-2

**NS6130-12-000652**

### Quick Facts

Product	: Manganese Nitride Powder
Stock No	: NS6130-12-000652
CAS	: 12646-17-2
Form	: Powder

### TECHNICAL Specification

APS	: 40 $\mu$ m
Purity	: 99.9%
Molecular Weight	: 192.83g/mol
Density	: 5.9g/cm <sup>3</sup>
Melting Point	: > 1800°C

### APPLICATIONS

- ✓ High-strength steel
- ✓ Alloy steel
- ✓ Stainless steel and automotive
- ✓ Shipbuilding
- ✓ Aviation industry materials

### Packing Sizes:

25Gms, 50Gms, 100Gms, 500Gms & Bulk Orders



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ISO 9001:2015  
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