

BMag40

Magnesium Coated Boron Powder 40% Mg

Rose Mill Company is an ISO 9001:2015 certified mineral processing company that provides amorphous elemental boron and metal boride powders for use in air bag manufacturing, military and defense products, metallurgy, welding applications, semiconductors and magnets.

BMag40 powder is used in metallurgy, welding products, ceramics and in many emerging industrial technologies. It is available in small and large quantities. Rose Mill provides other grades of boron-based powders as well as refined borates such as boric acid and borax pentahydrate.

Product Analysis

BMag40 (magnesium coated boron 40%) CAS 7440-42-8/7439-95-4

| <u>Typical Analysis</u> | <u>Specification</u> | <u>Typical Result</u> |
|-------------------------|----------------------|-----------------------|
| B | 55.0% min. | 57.5% |
| Mg | 40.0% min. | 41.0% |
| MgO | 3.0% max. | 1.1% |
| Moisture | 0.5% max. | 0.2% |

| | |
|---------------------|--|
| particle size (d50) | -50 mesh |
| melting | 3812° F (>2100° C) decomposes |
| density | 146 lb/ft ³ (2.34 g/cm ³) |



Availability

- 10 g "sample" size
- 100 g
- 25 kg
- Custom Bulk Sizes