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MUY BN Ultra High Purity h-BN Boron Nitride Powder

Ideal Lubricating Boron Nitride Powder

ZYP Coatings' MUY BN ultra high purity h-BN (hexagonal Boron Nitride) powder is ideal for dry lubrication by merely rubbing it onto surfaces.

Key Attributes

- Over 99.9% purity h-BN
- High lubricity: low Coefficient-of-Friction (COF) of 0.2
- Thermally conductive, electrically insulating
- Usable in all atmospheres, substrates, and temperatures up to 1000 C (1832 F)
- Safe, inert, non-reactive

Ideal Use

- Dry lubricant for metals
- Anti-stick/anti-seize/release agent
- Filler (for high thermal conductivity; electrical insulation)

Use Notes

1. Use in well-ventilated area.
2. Powder is "fine": avoid generating dusts.

Safety Information

- Consult SDS before use.
- Avoid breathing of dusts.
- For Industrial use only.



Specifications for MUY BN

Boron Nitride Content	over 99.9%
Average Particle Size* (micrometers)	<7
Surface Area by BET (sq.m/g)	Approx. 8
Tap Density (g/cc)	0.15
Color	White
Max Use Temperature	Air 1832 F / 1000 C
Use Atmosphere	All
H F R Ratings	1-0-0

*Note that BN really is not individual particles but rather agglomerates of pancake-like platelets stuck together

Sizes and colors

Product is fine white powder.

Standard Size: 18 grams in 4 oz (125 cc)
 Easy-open/close, leakproof container

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