



HEXAGONAL BORON NITRIDE POWDER

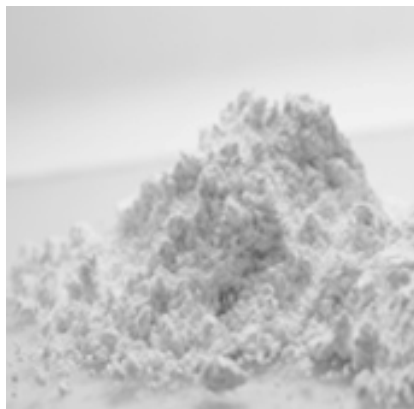
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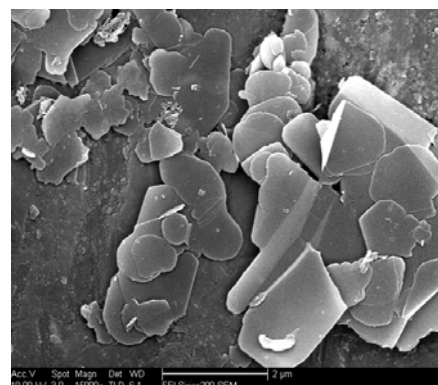
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FEATURES/BENEFITS

- High thermal conductivity
- Insulation
- High electrical resistance
- Non toxic
- Not wet by most molten metals
- lubricate



Hexagonal boron nitride (h-BN) is the equivalent in structure of graphite. Like graphite its plate like microstructure and layered lattice structure give it good lubricating properties. Sinyo supply three series powder, like LN, HW and SA for different purpose. For example, LN series, we can supply 2-4microns or 4-7microns, also 8-12microns powder for your selections.

Grade	LN			HW			SA	
	2-4	4-7	8-12	4-7	8-12	13-15	4-7	8-12
Size Distribution(μm)	2-4	4-7	8-12	4-7	8-12	13-15	4-7	8-12
Purity(BN%)	98%min			99%min			99.3%min	
B2O3%	1.0%max			0.5%max			0.3%max	
Tap density(g/cm ³)	0.2-0.3			0.25-0.35			0.25.35	
Total O%	1.5%max			1.0%max			0.6%max	
Crystal size	1-2	3-5		3-5			4-7	
Purpose	Industrial lubricate, Release coatings, Electronics industry,			Industrial lubricate, Release coatings, Electronics industry, Ceramic, cBN			Industrial lubricate, Release coatings, Electronics industry, Ceramic, cBN, Cosmetic	

CAUTION: Product is for industrial/commercial use only. Users should determine suitability for their use. In no event will SINYO be liable for any direct, indirect, incidental, special or consequential damages or losses including, but not limited to loss of profits, in any way related to this product regardless of the legal theory asserted.