

Hex-Boron Nitride Powder

产品名称	Hex-Boron Nitride Powder
公司名称	上海恩莱保贸易有限公司
价格	.00/个
规格参数	
公司地址	上海市松江区金高路2388号813室
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产品详情

Hex-Boron Nitride (hBN) Powder六硼氮化硼 (hBN) 粉末

六方氮化硼 (hBN) 也称为“白色石墨”，具有与石墨相似的 (六方) 晶体结构。这种晶体结构具有出色的润滑性能。hBN远远优于石墨，并具有以下特征：

Hexagonal Boron Nitride (hBN) is also known as 'White Graphite', has similar (hexagonal) crystal structure as of Graphite. This crystal structure provides excellent lubricating properties. hBN is much superior to Graphite and has following characteristics:

Excellent Lubricating Properties due to low Coefficient of Friction at 0.15 to 0.70

Good Chemical Inertness

Electrical Insulator

Thermal Conductor (result: better heat dissipation)

High Temperature Stability, 1000o C in Air, 1400o C in Vacuum and 1800o C in Inert gas

Low Thermal Expansion

Low Dielectric Constant

High Load bearing properties

Non-Wetting: hBN is not wetted by Glasses, Salts and (most) metals, therefore it provides strong resistance to chemical attack Easy Machineability (in hot pressed state). Complex shapes can be machined from hot pressed structure.

hBN powders are available in following particle sizes: 70 nm, 150 nm, 0.5 micron, 1.5 micron, 5 microns to 30 microns.