

### 球形氮化硼团聚体/Spherical BN Agglomerate

- 高导热；低比表面；低介电；高填充。/High thermal conductivity; Lower Specific Surface Area; Low dielectric constant; Higher filler loading.
- 应用/Application  
 热界面材料--导热垫片，导热膏/Thermal Interface Materials-Thermal pads, Thermal Greases  
 印刷电路板，导热铝基覆铜板/Printed Circuit Board, Thermal Conductivity Alumina-based CCL  
 导热工程塑料/ Thermal Engineering Plastics.  
 电子封装/ Electronics Packaging  
 高频功率器件/ High Frequency Power Devices  
 固态 LED 照明/ Solid State LED Lighting
- 典型性质/Typical Properties  
 GBN系列产品，应用在体系中粘度低，可实现高填充；  
 GBNL系列产品，应用在体系中粘度高，在同等添充量的情况下，导热值高。但不易实现高填充，建议与GBN系列搭配使用

技术指标 Technical Item		单位 Unit	GBN 系列产品编号/Product Code				方法/设备 Method/Device
			GBN-60	GBN-100	GBN-120	GBN-160	
粒度分布 Particle Size	D50	μm	65	100	120	180	Light Scattering/OMECA P-9 Light Scattering/OMECA TopSizer
比表面积 Specific surface area		m <sup>2</sup> /g	≤4	≤4	≤4	≤4	3H-2000A Specific Surface Area Analyzer
电导率 E.C.		μS/cm	≤100	≤100	≤100	≤100	Mettler FE-30 Conductivity Meter
pH		--	≤10.0	≤10.0	≤10.0	≤10.0	Mettler FE-20 pH Meter
振实密度 Tap Density		g/cm <sup>3</sup>	0.45	0.45	0.45	0.45	BT-303
BN		%	≥99.3	≥99.3	≥99.3	≥99.3	ICP

技术指标 Technical Item		单位 Unit	GBNL 系列产品编号/Product Code			方法/设备 Method/Device
			GBNL-120	GBNL-200	GBNL-250	
粒度分布 Particle Size	D50	μm	120	200	260	Light Scattering/OMECA P-9 Light Scattering/OMECA TopSizer
比表面积 Specific surface area		m <sup>2</sup> /g	≤4	≤4	≤4	3H-2000A Specific Surface Area Analyzer
电导率 E.C.		μS/cm	≤100	≤100	≤100	Mettler FE-30 Conductivity Meter
pH		--	≤10.0	≤10.0	≤10.0	Mettler FE-20 pH Meter
振实密度 Tap Density		g/cm <sup>3</sup>	0.35	0.37	0.37	BT-303
BN		%	≥99.3	≥99.3	≥99.3	ICP

Typical Properties, not to be used as product specification.

➤ SEM Image

