230 Steele St Denver, CO 80206, United States Tel: 925-385-8104
Email: sales@heegermaterials.com

Spherical Boron Nitride

➢ Specification

GBN-S120

➢ Product Features

High filling rate, high thermal conductivity, high particle strength, high tap density, low dielectric constant, lower specific surface area compared with plate boron nitride.

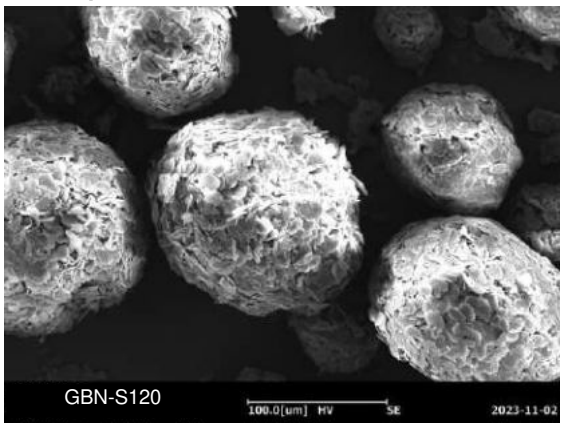
➢ Application

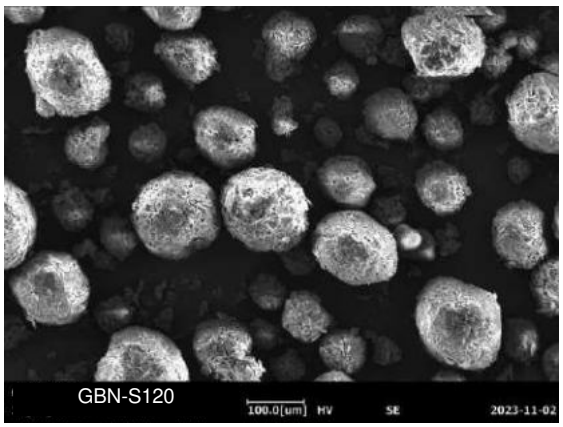
For thermal interface material with lower dielectric constant or higher dielectric resistance, such as thermal pad, thermal conductive prepreg, thermal conductive plastic。

➢ Typical Properties

Item		Unit	Typical Value	Method/Device
Particle Size	(D50)	μm	123.497	Light Scattering/OMEC Top Sizer
S.S.A.		m^2/g	1.98	BSD-BET-400/ Specific Surface Area Analyzer
Electrical Conductivity		μS/cm	64.28	Mettler FE-38/ Conductivity Meter
pH		-	9.04	Mettler FE-28 /pH Meter
Tap Density		g/cm3	0.58	BT-313/ tap density tester

➢ SEM Image





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- **Typical Packaging**

  10Kg/Bag

  Paper outer bag + PE inner bag + cardboard boxes

- **Period of Validity**

  It is recommended to use this product within 12 months. If it is overdue, the product quality status shall be reevaluated.

- **Handling and Storage**

  When using, wear a dust mask to prevent dust inhalation. Keep the container sealed and stored in a cool, dry and well ventilated area。