

Spherical Boron Nitride

➤ **Specification**

GBN-60

➤ **Product Features**

High thermal conductivity, low dielectric constant, lower specific surface area compared with plate boron nitride.

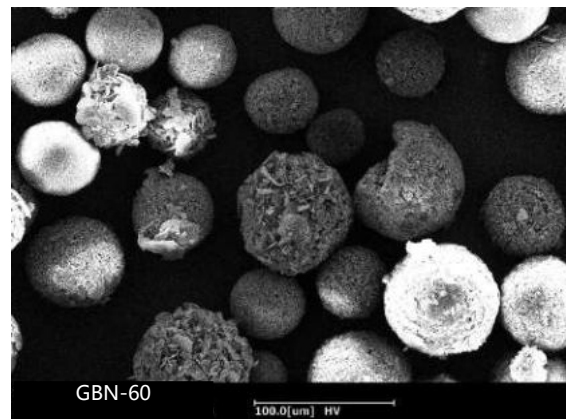
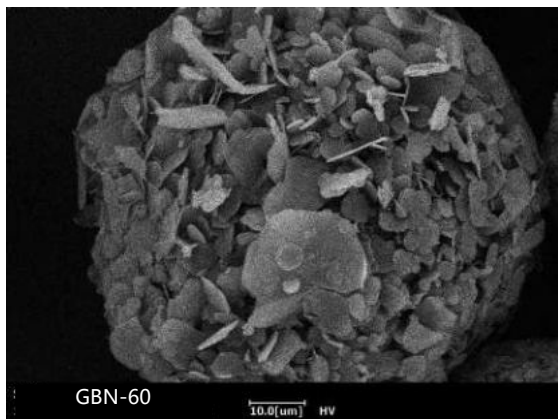
➤ **Application**

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 | (D ₅₀) | μm | 68.38 | Light Scattering/Bettersize2600 |
| S.S.A. | | m ² /g | 1.78 | BSD-BET-400/ Specific Surface Area Analyzer |
| Electrical Conductivity | | μS/cm | 20.2 | Mettler FE-38/ Conductivity Meter |
| pH | | - | 9.03 | Mettler FE-28 /pH Meter |
| Tap Density | | g/cm ³ | 0.43 | BT-313/ tap density tester |

➤ **SEM Image**



➤ **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 re evaluated.

➤ **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.

➤ **Contact Us**

www.heegermaterials.com

Tel: 925-385-8104

sales@heegermaterials.com

230 Steele St Denver, CO 80206, United States

Heeger Materials Inc.