

Spherical Aluminum Nitride

➤ **Specification**

TA-S120

➤ **Product Features**

High Spheroidization Ratio, High Filling Ratio, High Thermal Conductivity, High purity.

➤ **Application**

Thermal Interface Materials-Thermal pads, Thermal Greases,Printed Circuit Board, Thermal Conductivity Alumina-based CCL,Thermal Engineering Plastics,Electronics Packaging,High Frequency Power Devices,Solid State LED Lighting.

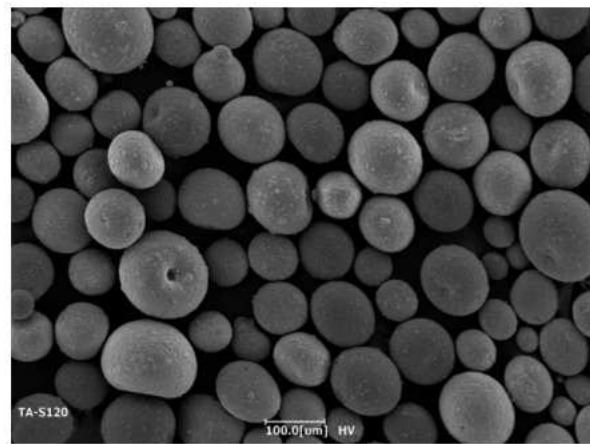
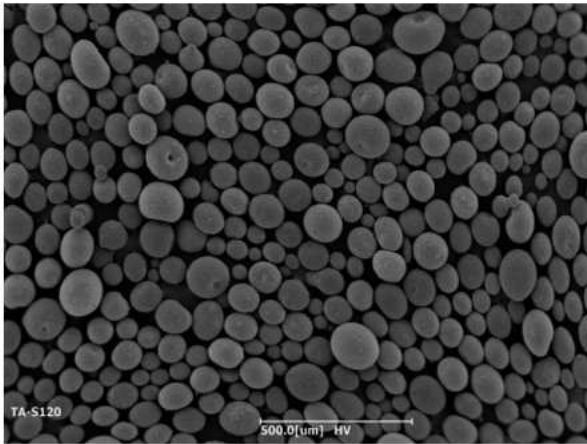
➤ **Typical Properties**

| Item | | Unit | Typical Value | Method/Device |
|---------------|-------|-------------------|---------------|---|
| Particle Size | (D10) | μm | 65.085 | Light Scattering/OMEC TopSizer |
| | (D50) | μm | 101.981 | |
| | (D90) | μm | 158.135 | |
| S.S.A. | | /g | 0.02 | 3H-2000A Specific Surface Area Analyzer |
| Tap Density | | g/cm ³ | 2.14 | BT-313 Tap Density |
| True Density | | g/cm ³ | 3.31 | 3H-2000TD True Density Analyzer |
| Moisture | | % | 0.04 | Halogen water-determination meter |

➤ **Chemical Composition**

| Item | Unit | Typical Value | Method/Device | |
|----------------------|------|---------------|---------------|------------------------------|
| Chemical Composition | O | % | 1.35 | Oxygen and Nitrogen Analyzer |
| | C | ppm | 119 | Carbon and Sulfur Analyzer |
| | Si | ppm | 40 | ICP |
| | Fe | ppm | 20 | ICP |
| | Na | ppm | 15 | ICP |

➤ SEM Image



➤ Typical Packaging

5Kg/Bag

Aluminum foil outer bag + PE inner bag +20 l Iron drum 4Bags/barrel

➤ 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.