

球形氧化铝/Spherical Alumina Powder BAK-70

- 高球化率，高填充率，高热导率，低离子含量。/High Spheroidization Ratio, High Filling Ratio, High Thermal Conductivity, Trace Ionic Impurities.
- 应用/Application
热界面材料，导热工程塑料，导热基板。/Thermal Interface Materials, Thermal Plastics, Thermal Clads.
- 物理特性/Physical Characteristics

| 项目 /Item | 单位 /Unit | 典型值 /Typical Value | 方法/设备 Method/Device |
|-----------------------------|--------------------|-----------------------|--|
| 粒度/Particle Size | (D ₁₀) | μm | 44.32 |
| | (D ₅₀) | μm | 71.54 |
| | (D ₉₀) | μm | 106.50 |
| 粒度/Particle Size | (D ₁₀) | μm | 49.94 |
| | (D ₅₀) | μm | 78.42 |
| | (D ₉₀) | μm | 114.39 |
| 比表面积/S.S.A. | m ² /g | 0.16 | 3H-2000A Specific Surface Area Analyzer |
| 电导率/Electrical Conductivity | μS/cm | 6.18 | Mettler FE-30 Conductivity Meter |
| pH | - | 7.70 | Mettler FE-20 pH Meter |
| 含湿率/Moisture | % | 0.05 | Halogen water-determination meter / (110°C/10min) |
| 真密度/True Density | g/cm ³ | 3.87 | 3H-2000TD True Density Analyzer |
| 球化率/ Spheroidization | % | 96 | Microscopic Observation |

➤ 化学成份/Chemical Characteristics

| 项目 /Item | 单位 /Unit | 典型值 /Typical Value | 方法/设备 Method/Device |
|------------------------------|--------------------------------|-----------------------|--|
| 化学成分/Chemical Composition | Al ₂ O ₃ | % | 99.92 |
| | SiO ₂ | ppm | 30 |
| | Fe ₂ O ₃ | ppm | 60 |
| | Na ₂ O | ppm | 90 |
| | Loss | % | 0.06 |
| | | | 1-Fe ₂ O ₃ -Na ₂ O-SiO ₂ -Loss |
| | | | ICP |
| | | | ICP |
| | | | ICP |
| | | | 1100°C/2h |

➤ SEM Image

