

## 球形氧化铝/Spherical Alumina Powder BAK-40

- 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 <sub>10</sub> )	μm	23.17
	(D <sub>50</sub> )	μm	41.44
	(D <sub>90</sub> )	μm	67.59
粒度/Particle Size	(D <sub>10</sub> )	μm	30.06
	(D <sub>50</sub> )	μm	47.87
	(D <sub>90</sub> )	μm	75.89
比表面积/S.S.A.	m <sup>2</sup> /g	0.12	3H-2000A Specific Surface Area Analyzer
电导率/Electrical Conductivity	μS/cm	4.65	Mettler FE-30 Conductivity Meter
pH	-	7.80	Mettler FE-20 pH Meter
含湿率/Moisture	%	0.03	Loss On Drying(105°C/2h)
真实密度/ True Density	g/cm <sup>3</sup>	3.81	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 <sub>2</sub> O <sub>3</sub>	%	99.97
	SiO <sub>2</sub>	%	0.0160
	Fe <sub>2</sub> O <sub>3</sub>	%	0.0070
	Na <sub>2</sub> O	%	0.0058

### SEM Image

