

**球形氧化铝/Spherical Alumina Powder BAK-20**

- 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	10.21
	(D <sub>50</sub> )	μm	20.73
	(D <sub>90</sub> )	μm	34.95
粒度/Particle Size	(D <sub>10</sub> )	μm	14.27
	(D <sub>50</sub> )	μm	22.58
	(D <sub>90</sub> )	μm	34.51
比表面积/S.S.A.	m <sup>2</sup> /g	0.14	3H-2000A Specific Surface Area Analyzer
电导率/Electrical Conductivity	μS/cm	6.87	Mettler FE-30 Conductivity Meter
pH	-	7.62	Mettler FE-20 pH Meter
含湿率/Moisture	%	0.05	Loss On Drying(105°C/2h)
真实密度/ True Density	g/cm <sup>3</sup>	3.79	3H-2000TD True Density Analyzer
球化率/ Spheroidization	%	97	Microscopic Observation

➤ 化学成份/Chemical Characteristics

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化学成分/Chemical Composition	Al <sub>2</sub> O <sub>3</sub>	%	99.96
	SiO <sub>2</sub>	%	0.0190
	Fe <sub>2</sub> O <sub>3</sub>	%	0.0049
	Na <sub>2</sub> O	%	0.0120

➤ SEM Image

