

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 ₁₀)	μm	23.77
	(D ₅₀)	μm	41.54
	(D ₉₀)	μm	66.44
粒度/Particle Size	(D ₁₀)	μm	28.25
	(D ₅₀)	μm	46.45
	(D ₉₀)	μm	73.74
比表面积/S.S.A.	m ² /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	Halogen water-determination meter / (110°C/10min)
真密度/ True Density	g/cm ³	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 ₂ O ₃	%	99.94
	SiO ₂	ppm	20
	Fe ₂ O ₃	ppm	50
	Na ₂ O	ppm	110
	Loss	%	0.04
			1-Fe ₂ O ₃ -Na ₂ O-SiO ₂ -Loss
			ICP
			ICP
			ICP
			1100°C/2h

➤ SEM Image

