

球形氧化铝/Spherical Alumina Powder HTA-40

- 高球化率，高填充率，更高的热导率，低离子含量。/High Spheroidization Ratio, High Filling Ratio, Higher 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	23.99
	(D ₅₀)	μm	41.27
	(D ₉₀)	μm	65.00
粒度/Particle Size	(D ₁₀)	μm	30.60
	(D ₅₀)	μm	47.62
	(D ₉₀)	μm	74.00
比表面积/S.S.A.	m ² /g	0.09	3H-2000A Specific Surface Area Analyzer
电导率/Electrical Conductivity	μS/cm	3.32	Mettler FE-30 Conductivity Meter
pH	-	7.62	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 ³	3.83	3H-2000TD True Density Analyzer
球化率/ Spheroidization	%	98	Microscopic Observation

➤ 化学成份/Chemical Characteristics

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化学成分/Chemical Composition	Al ₂ O ₃	%	99.91
	SiO ₂	%	0.0244
	Fe ₂ O ₃	%	0.0130
	Na ₂ O	%	0.0082

➤ SEM Image

