

**球形氧化铝/Spherical Alumina Powder HTA-90**

- 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 <sub>10</sub> )	μm	53.13
	(D <sub>50</sub> )	μm	92.98
	(D <sub>90</sub> )	μm	149.40
粒度/Particle Size	(D <sub>10</sub> )	μm	70.49
	(D <sub>50</sub> )	μm	104.13
	(D <sub>90</sub> )	μm	168.90
比表面积/S.S.A.	m <sup>2</sup> /g	0.01	3H-2000A Specific Surface Area Analyzer
电导率/Electrical Conductivity	μS/cm	2.32	Mettler FE-30 Conductivity Meter
pH	-	6.64	Mettler FE-20 pH Meter
含湿率/Moisture	%	0.02	Loss On Drying(105°C/2h)
真实密度/ True Density	g/cm <sup>3</sup>	3.88	3H-2000TD True Density Analyzer
球化率/ Spheroidization	%	95	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>	%	99.93
	SiO <sub>2</sub>	%	0.0315
	Fe <sub>2</sub> O <sub>3</sub>	%	0.0120
	Na <sub>2</sub> O	%	0.0110

➤ SEM Image

