Surface Treated Alumina Powder

➢ Specification

BAH-20H4

➢ Product Features

High Spheroidization Ratio, High Filling Ratio, High Thermal Conductivity, Trace Ionic Impurities.

➢ Application

Thermal Interface Materials, Thermal Plastics, Thermal Clads.

➢ Typical Properties

Item		Unit	Typical Value	Method/Device
Particle Size	(D_{10})	μm	9.96	Light Scattering/OMEC LS-POP(6)
	(D_{50})	μm	20.29	
	(D_{90})	μm	31.97	
S.S.A.		㎡/g	0.07	3H-2000A Specific Surface Area Analyzer
Electrical Conductivity		μS/cm	0.94	Mettler FE-30 Conductivity Meter
pH		-	6.75	Mettler FE-20 pH Meter
Moisture		%	0.04	Halogen water-determination meter/ (110°C/10min)
True Density		g/cm^3	3.81	3H-2000TD True Density Analyzer
Spheroidization		%	96	Microscopic Observation

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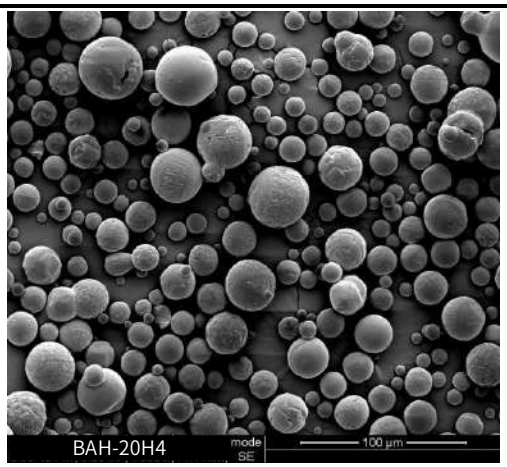
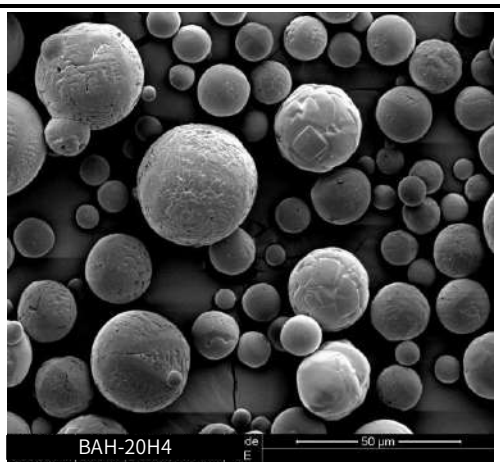
➢ Chemical Composition

Item		Unit	Typical Value	Method/Device
Chemical Composition	Al_2O_3	%	99.73	1-Fe_2O_3-Na_2O-SiO_2-Loss
	SiO_2	ppm	350	ICP
	Fe_2O_3	ppm	170	ICP
	Na_2O	ppm	65	ICP
	Loss	%	0.21	850°C/2h

➢ SEM Image





- **Typical Packaging**

  25Kg/Bag

  Paper outer bag + PE inner bag

- **Period of Validity**

  It is recommended to use this product within 6 months. If it is overdue, the product quality status shall be re evaluated.

- **Handling and Storage**

  When using, wear a dust mask to prevent dust inhalation.

  Keep the container sealed and stored in a cool, dry and well ventilated area.

- **Contact Us**

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