

## 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.

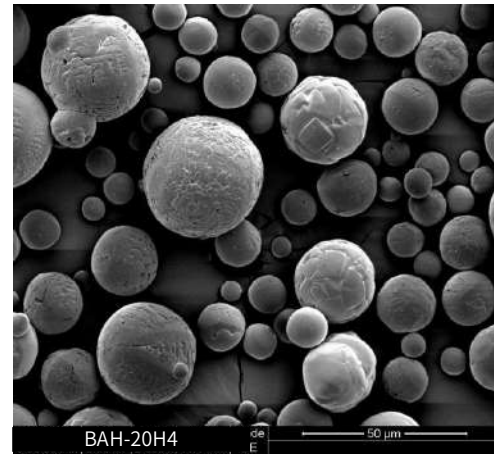
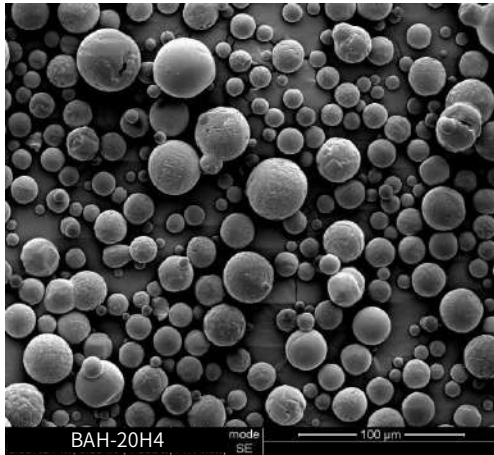
## ➤ Typical Properties

Item		Unit	Typical Value	Method/Device
Particle Size	(D <sub>10</sub> )	μm	9.96	Light Scattering/OMEC LS-POP(6)
	(D <sub>50</sub> )	μm	20.29	
	(D <sub>90</sub> )	μm	31.97	
S.S.A.		m <sup>2</sup> /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 <sup>3</sup>	3.81	3H-2000TD True Density Analyzer
Spheroidization		%	96	Microscopic Observation

## ➤ Chemical Composition

Item		Unit	Typical Value	Method/Device
Chemical Composition	Al <sub>2</sub> O <sub>3</sub>	%	99.73	1-Fe <sub>2</sub> O <sub>3</sub> -Na <sub>2</sub> O-SiO <sub>2</sub> -Loss
	SiO <sub>2</sub>	ppm	350	ICP
	Fe <sub>2</sub> O <sub>3</sub>	ppm	170	ICP
	Na <sub>2</sub> O	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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