

Surface Treated Alumina Powder

➤ **Specification**

HMBAH-40H4

➤ **Product Features**

High spheroidization ratio, high filler loading ratio, high thermal conductivity, low ionic impurities, high humidity&temperature resistance.

➤ **Applicatio**

For thermal interface material, such as thermal pad, thermal gel, or thermal gap filler...

➤ **Typical Properties**

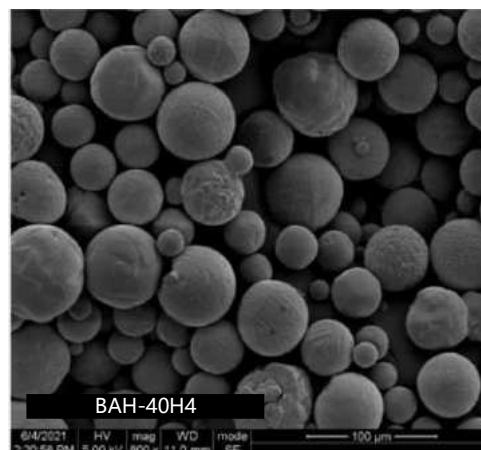
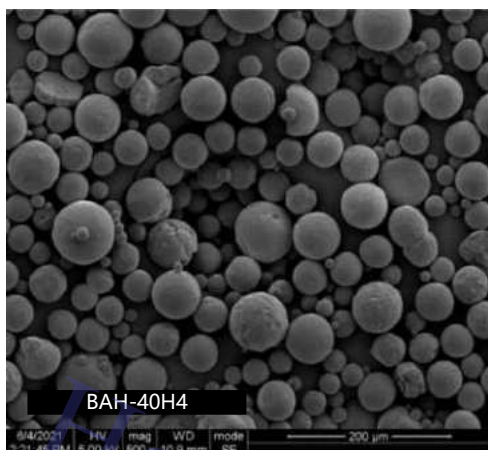
Item		Unit	Typical Value	Method/Device
Particle Size	(D ₁₀)	μm	23.59	Light Scattering/OMECA LS-POP(6)
	(D ₅₀)	μm	41.8	
	(D ₉₀)	μm	70.2	
Particle Size	(D ₁₀)	μm	28.80	Light Scattering/HORIBA LA-950v2
	(D ₅₀)	μm	49.18	
	(D ₉₀)	μm	78.26	
S.S.A.		m ² /g	0.05	BSD-BET-400 /Specific Surface Area Analyzer
Electrical Conductivity		μS/cm	1.72	Mettler FE-38/ Conductivity Meter
pH		-	7.00	Mettler FE-28/ pH Meter
Moisture		%	0.03	HE53/ Halogen moisture meter
True Density		g/cm ³	3.77	3H-2000TD1 /True Density Analyzer
Spheroidization		%	96	EM-30/ Coxem

➤ **Chemical Composition**

Item		Unit	Typical Value	Method/Device
Chemical Composition	Al ₂ O ₃	%	99.78	1-Fe ₂ O ₃ -Na ₂ O-SiO ₂ -Loss
	SiO ₂	ppm	397	ICP

	Fe ₂ O ₃	ppm	141	ICP
	Na ₂ O	ppm	162	ICP
	Loss	%	0.15	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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