

Spherical Aluminum Nitride

➤ **Specification**

TA-S50

➤ **Product Features**

High spheroidization ratio, high filler loading ratio ,excellent thermal conductivity, high purity。

➤ **Application**

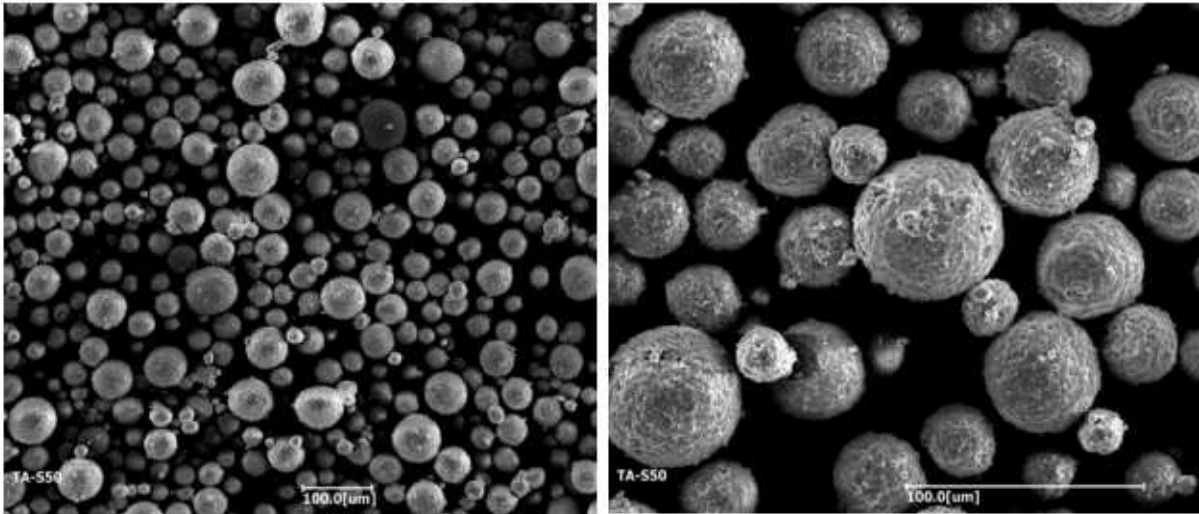
For medium or high thermal conductive interface material such as thermal pad, thermal gel..., thermal conductive prepreg,thermal conductive plastic。

➤ **Typical Properties**

Item		Unit	Typical Value	Method/Device
Particle Size	(D10)	μm	31.037	Light Scattering/OMEC TopSizer
	(D50)	μm	52.386	
	(D90)	μm	87.469	
S.S.A.		m ² /g	0.05	BSD-BET-400 /Specific Surface Area Analyzer
Tap Density		g/cm ³	2.02	BT-313/ tap density tester
True Density		g/cm ³	3.30	3H-2000TD1 /True Density Analyzer
Moisture		%	0.07	HE53/ Halogen moisture meter

➤ **Chemical Composition**

Item	Unit	Typical Value	Method/Device	
Chemical Composition	O	%	1.20	Oxygen and Nitrogen Analyzer
	C	ppm	120	Carbon and Sulfur Analyzer
	Si	ppm	40	ICP
	Fe	ppm	20	ICP
	Na	ppm	15	ICP

➤ SEM Image**➤ Typical Packaging**

5Kg/Bag

Aluminum foil outer bag + PE inner bag +20 l Iron drum (4 Bags/barrel) .

➤ Period of Validity

It is recommended to use this product within 12 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.