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Heegermaterials

Technical Data Sheet

Spherical Aluminium Nitride (AlN)

- High thermal conductivity, high filling, hydrolysis resistance and electrical insulation.

- Typical Application
  Thermal Grease, Thermal gel, Thermal pad and thermal.

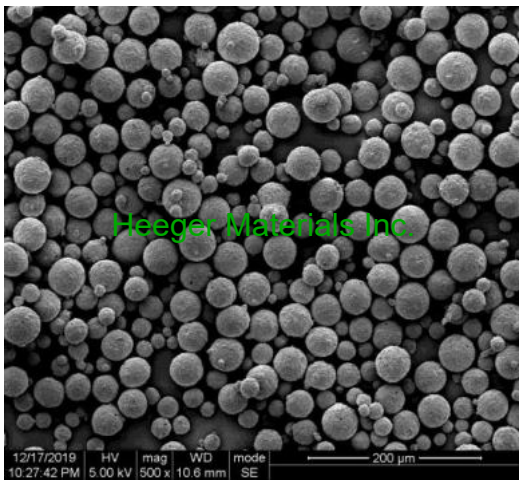
- Physical Characteristics

Item		Unit	Typical Value	Method/Device
Particle Size	(D_{10})	μm	24.8	Light Scattering/OMEC Topsizer
	(D_{50})	μm	36.1	
	(D_{90})	μm	52.6	
S.S.A.		㎡/g	0.06	3H-2000A Specific Surface Area Analyzer
Bulk Density		g/cm³	1.60	BT-302 Bulk Density
Tap Density		g/cm³	1.96	BT-303 Tap Density

- Chemical Characteristics

Item		Unit	Typical Value	Method/Device
Impurity	O	%	1.28	Oxygen and Nitrogen Aanlyzer
	C	ppm	126	Carbon Sulfur Analyzer
	Si	ppm	40	ICP
	Fe	ppm	20	ICP
	Na	ppm	15	ICP

- SEM Image





Heeger Materials Inc.