

NS6130-02-200

ALUMINUM NITRIDE (AlN)

Nanoparticles

Quick Facts

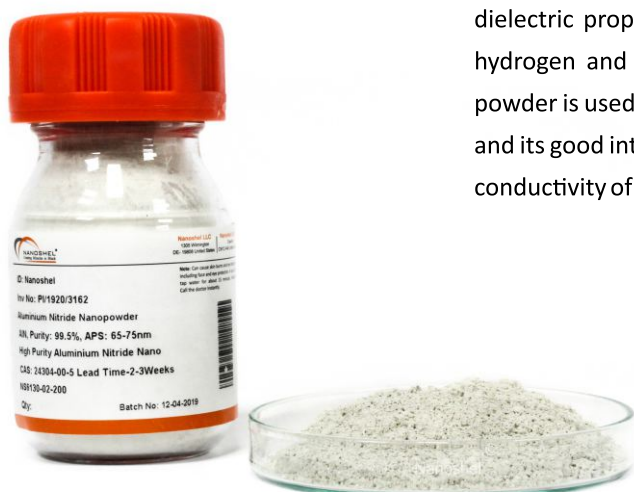
Product	:	Aluminum Nitride (AlN) Nanoparticles
Stock No	:	NS6130-02-200
Molecular Formula	:	AlN
Form	:	Powder
Purity	:	99.9%

Purity
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Technical Specification

Molecular Weight	Density	Melting Point
40.982 g/mol	3.3 g/cm ³	2200°C

Aluminum Nitride (AlN) Nanoparticles, nanodots or nanopowder are spherical high surface area particles. Aluminum nitride nanopowder/nanoparticle has good dielectric properties and high thermal conductivity. Aluminum nitride is stable in hydrogen and carbon dioxide atmospheres up to 980°C. Aluminum nitride nanopowder is used in composite, and it has a good match with the semiconductor silicon and its good interface compatibility improves the mechanical properties and thermal conductivity of composite material.



AlN



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

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