

# AIN

## ALUMINIUM NITRIDE SPUTTERING TARGET

Aluminum Nitride is mostly known for its property to be used for material that needs high thermal conductivity. It is one of the best options to be used for electric material components since it has supports durability and stability at a high temperature. Aluminum nitride primary used in integrate circuit substract, electronic devices, optical devices, thermal emission devices, crucibles used at high Temperatures, preparation of composites of metal matrices and polymer matrices, especially, in the high temperature seal binders and electronic encapsulation materials, Nano-AIN will be substantially applied in future.

### Application

- ✓ PVD (physical
- ✓ Semiconductor
- ✓ Optical

### Features

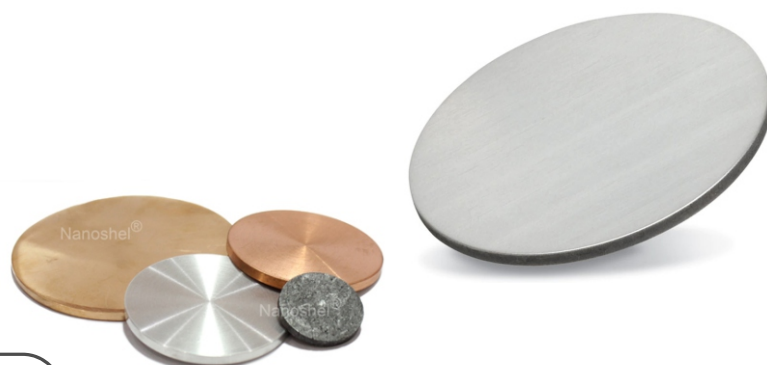
- ✓ High purity
- ✓ Custom Sizes Available

### Additional Characteristics

Stock No.	Purity	Diameter	Thickness
NS6130-10-1029	99.99%	50.8 mm $\pm$ 1mm	3 mm $\pm$ 0.5mm

### Technical Specification

Molecular Formula	Molecular Weight	Thermal Conductivity
AIN	40.98g/mol	80 to 200 W/m-K



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High Purity  
SPUTTERING  
TARGET