



Nitride Solutions Inc.



Enabling Materials for Advanced Electronics

PCA-1

Polycrystalline Aluminum Nitride

PCA-1 is a new high-purity polycrystalline product from Nitride Solutions. The material is grown using Nitride Solution's proprietary high-temperature process and is a solid polycrystalline boule with large crystals and very low levels of oxygen, hydrogen, carbon and silicon.



Nitride Solutions Inc. 3333 W Pawnee St Wichita, KS 67213
info@nitridesolutions.com



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Property	Specification
Purity	> 99.995%
Oxygen	≤ 0.002%
Hydrogen	≤ 0.001%
Carbon	≤ 0.001%
Silicon	≤ 0.0002%

Uses:

- PVT source material
- Deposition sources
- High temperature piezoelectric devices