



NITRIDE GLOBAL, INC.

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UEI: KYEKUS2KGRF8

Cage: 9G4R4

Primary NAICS: 334413 -
Semiconductor And Related Device
Manufacturing

Secondary: 541713



Capabilities Statement

Nitride Global Inc., is the leading supplier of high purity Aluminum Nitride (AlN) products for the micro electronics & semiconductor industry and has developed a first-ever composition for ultra-thin, low temperature deposited, Aluminum Oxynitride (AlON) thermal coatings materials. Nitride Global has significant IP in the manufacturing of high-purity AlN materials. We are the only remaining North American-owned/ controlled company in this space, providing R&D and manufacturing, in the United States.

Nitride Global's technology & materials serve the micro electronics and semiconductor sectors defense solution providers, and the US government. We are the leading supplier of high-purity polycrystalline aluminum nitride, aluminum oxynitride thermal coating, and aluminum nitride templates. Uses include UV-C LEDs, high-power laser, ultra-high temperature sensors, hypersonic vehicles, electric mobility, high-power communications, power transmission, and reducing downtime in semiconductor manufacturing.

Core Competencies

- Aluminum Nitride
- Aluminum Oxynitride
- Thermal Management
- Semiconductors
- UV-C LEDs
- Thermally-Insulating Coatings
- Advanced Materials Research & Development
- Advanced Manufacturing

Differentiators

Headquartered in Wichita, KS where US citizens lead R&D, and production of advanced materials for microelectronics & semiconductor devices. We are the only North American-owned company in this space and have developed a revolutionary material & process that enable a new generation of high- power, high-frequency, high-temperature microelectronics for commercial and defense use cases such as high-power lasers, high-temp sensors, electric mobility, hypersonic vehicles, and directed energy weapons.