

GREENLEAF CORPORATION

www.greenleafcorporation.com

CORE COMPETANCY

Advanced Ceramics

- Technical Ceramics

 - Structural Ceramics

 - Microwave Absorbing (Lossy) Ceramics

 - Electronic Ceramics

Metalcutting Inserts & Tooling

- Ceramic Inserts

- Carbide Inserts

- Milling Cutters

- Toolholders & Boring Bars

- Grooving, Profiling, & Cut-Off Tools

- Special Engineering

KEY POINTS OF CONTACT

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KEY PROJECTS OR PRODUCTS

Greenleaf Corporation has been a leading supplier of industrial cutting tools for 75 years and has been in the advanced ceramics business for more than 50 years. We have traditionally been known for our carbide and ceramic metal-cutting inserts and tooling; however, we also manufacture parts for severe service environments and unusual applications. **We manufacture ceramic components that work where exotic metals, carbides, and traditional ceramics do not perform well.** We produce anywhere from one-off prototypes to 100,000s of pieces, and we'll also develop ceramic compositions to meet specific customer requirements. **Our two base structural ceramic compositions are a silicon carbide whisker-reinforced alumina (WG) and a phase-toughened silicon nitride (XSYTIN-1).** We offer microwave absorber ceramics for resonator rings, terminator wedges, and absorber buttons and can tune these lossy ceramic components for specific wavelengths for radar and other applications. We also have electronic ceramic compositions that can be customized for specific electronic properties.

