

PLASMA PROCESSES

<https://plasmapro.com>

CORE COMPETANCY

Founded in 1993 and located in Huntsville, AL – “The Rocket City” – Plasma Processes is an AS9100 certified provider of high-performance materials, coatings and net-shape structures for extreme environments. Our solutions portfolio addresses thermal, oxidation, & radiation protection, emissivity, electrical isolation, wear & corrosion resistance, dimensional restoration and the manufacture of net-shape, flight-qualified hardware. We design, develop, manufacture and test materials for liquid & solid propulsion, hypersonic, spacecraft, satellite and munitions applications. Our highly skilled team of materials/chemical engineers and subject matter experts have significant experience maturing technologies from basic research through system qualification.

KEY POINTS OF CONTACT

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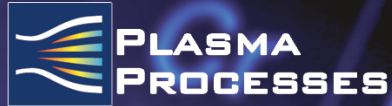
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KEY PROJECTS OR PRODUCTS

- Green Monopropellant Thrusters in sizes from .1mN to 100 lbf
- Thermal Protection, Thermal Barrier, & Emissive Coating Development & Application
- Hypersonic Materials Development, Testing & Application
- Additive manufacture of refractory and platinum group metals
- Powder Alloying & Spheroidization of Custom AM Powders
- Liquid Rocket Engine High-Performance Coatings
- Ultra High-Temperature Ceramics
- Development & Application of Disilicide Coatings

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High Performance Materials for Extreme Environments

