

AEROSPACE

With over 40 years of manufacturing experience, CERAC Inc., continues to develop and improve Refractory and Protective Coatings for tomorrow's Aerospace Applications. These Specialty Inorganic Materials are designed to protect critical surfaces, from jet engine turbines to space shuttle tiles. CERAC Inc. provides the time-proven temperature and abrasion resistant material solution.

Specialty Inorganic Materials

Materials	Typical Purity	Average Partical Size
Aluminum Oxide		
Al ₂ O ₃	99.2 - 99.999%	-200 Mesh - 1 μ
Boron Silicide		
B ₆ Si	98%	~ 2 μ
Hafnium Boride		
HfB ₂	99.5%	~ 10 μ
Hafnium Carbide		
HfC	99.5%	~ 10 μ
Molybdenum Silicide		
MoSi ₂	99.5%	~ 10 μ
Tantalum Carbide		
Ta ₂ C	99.5%	~ 10 μ
TaC	99.5%	~ 10 μ

Customized Manufacturing

Synthesis & Processing

Particle Sizing

Research & Development

Staff Chemists

Dedicated Lab Equipment

Complete Reproducibility

Fully Characterized Materials

Wide Range of Lot Sizes

Global Sourcing for Raw Materials

Material Development

CERAC is more than a materials supplier. CERAC employs a diverse group of material technologists who will work with you, identifying the proper material characterizations and configurations for your application and manufacturing environment. As a subsidiary of Williams Advanced Materials (WAM), CERAC has the ability to leverage broad global manufacturing and R&D capabilities. We offer custom Specialty Inorganic Materials for a wide variety of applications including Energy, Electronics and Semiconductors; Medical; Abrasives, Friction and Refractory Coatings; Optics, Crystals and Catalysts. WAM understands the continual evolution of new material requirements and we pay close attention to the particular needs of each customer's specific challenges.

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