金瓷喂料
Cermet Feedstock for PIM

Ceramic Feedstocks

Tailored Formulations · Controlled Shrinkage · Reliable for CIM

CERMET Feedstock Technology specializes exclusively in CIM and MIM feedstocks.With decades of experience in injection molding applications, our feedstocks support both large-scale industrial manufacturing and highly specialized functional components. Through advanced formulation design and strict production standards, we enable reliable, customized mass production across the PIM industry chain.

金瓷喂料
Cermet Feedstock for PIM

Engineered for Precision

Accurately control the shrinkage rate to adapt to the mold

Customizable

Tailored powder systems with customizable purity, transparency, and sintered properties, supporting thermal, catalytic, solvent, and water debinding.

Enviro-friendly

The entire range of feedstocks complies with the latest EU RoHS standards

ONLY CERMET FEEDSTOCK CAN DO

金瓷喂料
Cermet Feedstock for PIM

Full coverage of different debinding systems

With strong expertise in differentiated formulation design, we provide PIM feedstocks tailored for thermal debinding, catalytic (acid) debinding, solvent debinding, and other injection molding processes to meet diverse customer requirements.

Thermal Debinding

Scalable thermal debinding solutions for both mass production and ultra-precision micro ceramic components.

Solvent Debinding

An effective debinding solution for large, thick-walled ceramic injection molded components.

Catalytic Debinding

High-efficiency debinding for ultra-precision and micro CIM parts, compatible with MIM equipment.

Feedstock covering most types of ceramic materials

CIM Carbide Ceramic Feedstocks:

Our CIM carbide ceramic feedstocks include silicon carbide (SiC) and boron carbide (B_4C).

CIM Oxide ceramic feedstocks:

Our CIM oxide ceramic feedstocks include zirconia (ZrO_2), alumina (Al_2O_3), beryllia (BeO), magnesia (MgO), and composite ceramics such as ZTA and ATZ.

金瓷喂料
Cermet Feedstock for PIM

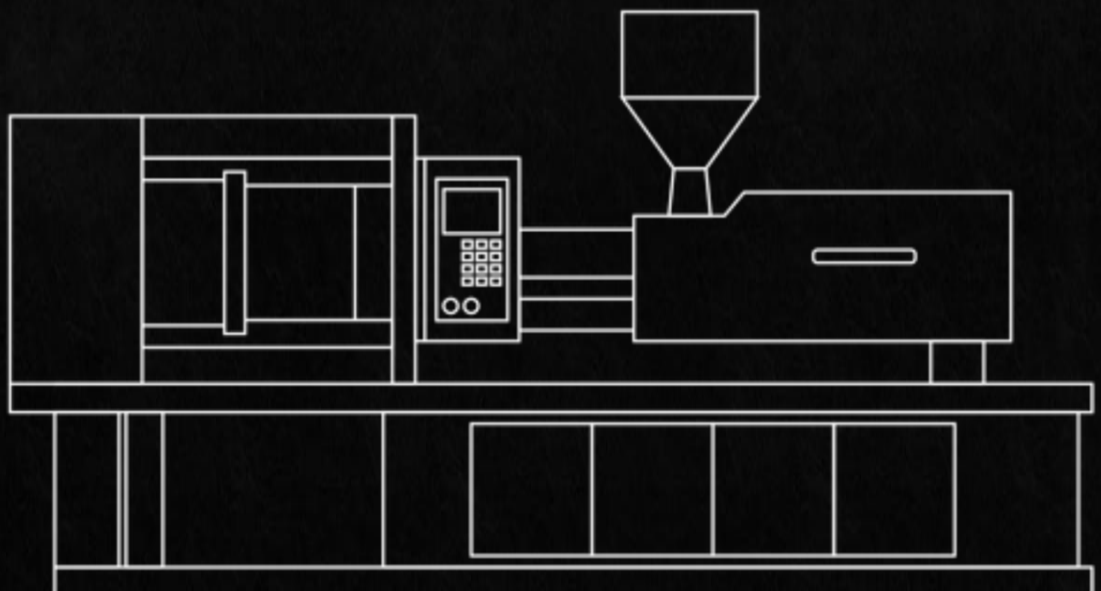
CIM Nitride Ceramic Feedstocks:

Our CIM nitride ceramic feedstocks include aluminum nitride (AlN), silicon nitride (Si_3N_4), gallium nitride (GaN), and boron nitride (BN).

Customized Feedstock Solutions for Stable, Scalable Ceramic Manufacturing.

The IM process is one of the key factors

- Excellent flowability and anti-molding fracture ability of feedstocks
- The formed volatile gas fully complies with RoHS testing standards
- Our feedstocks Balancing the Green Part such as precision CIM large products, small products, and high gloss smooth outer walls.
- Sprue or Runner can be injection molded dozens of times.

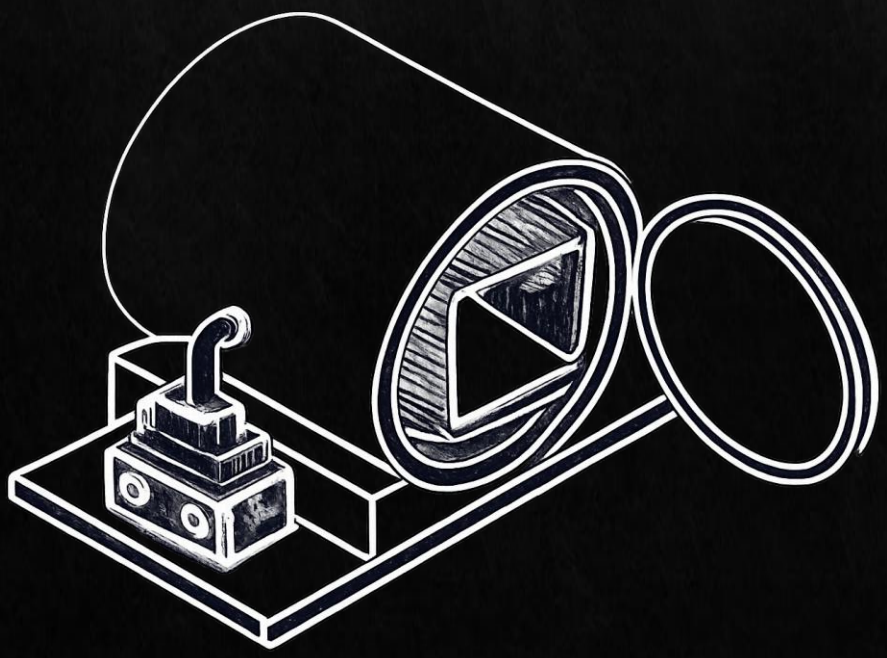


From Powder to Performance — Engineered for Reliable Mass Production.

Powder D50, purity, manufacturing routes directly influence sintering behavior and ultimately define the optical and mechanical performance of ceramic components.

CERMET provides both powder supply OEM and customized feedstock processing, significantly reducing development cycles for new projects.

Our stable and proven feedstock production technology enables efficient, consistent, and scalable ceramic manufacturing.



CERMET

Refined Expertise，Innovative Excellence

ADD: No. 6 Xin'an Shangxin Road, Chang'an Town, Dongguan City, Guangdong Province, 523880,China
TEL : +86 13680169166
+86 15812899106
WEB: www.cermet.com.cn
E-Mail:
cermet@foxmail.com
feedstock@cermet.com.cn
cermet@cermet.com.cn

WeChat Online info

金瓷喂料
Cermet Feedstock for PIM