



CERASIL®

High-Purity Ceramic Silica

Strengthen ceramic bodies, glazes and enamels with consistent silica performance

CERASIL® high-purity ceramic silica is produced from high-quality crystalline silica feedstock for ceramic whitewares, ceramic bodies, enamels and glazes. Engineered for consistency and formulation flexibility, CERASIL helps ceramic manufacturers manage shrinkage, thermal expansion, melt viscosity and glaze fit across demanding ceramic applications.

In ceramic body formulations, CERASIL supports processing control from forming through firing. In glazes and enamels, it helps regulate melting behavior, control viscosity and improve glaze-to-body fit.

CONSISTENT
SILICA FOR
STRONG CERAMIC
PERFORMANCE

- Manage shrinkage, thermal expansion and viscosity in ceramic formulations.
- Reduce drying shrinkage in ceramic bodies.
- Increase the body's coefficient of thermal expansion.
- Support plasticity in the finished product.



- Strengthen the ceramic body during firing.
- Regulate the melting point and melt viscosity in glazes and enamels.
- Improve glaze-to-body fit.
- Increase greater craze resistance in finished ceramic products.

For more information about CERASIL high-purity ceramic silica, please email: Sales@CoviaCorp.com or call customer service at: 1-800-243-9004.





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CERASIL is designed for use in ceramic formulation where consistence, purity and performance matter, including:

- Ceramic whitewares
- Ceramic bodies
- Ceramic wares
- Enamels
- Glazes



Partner with Covia for ceramic silica expertise

CERASIL is part of Covia's broader ceramics portfolio, giving manufacturers access to quality-controlled ceramic raw materials backed by technical expertise, analytical support and reliable supply.

Covia's ceramics team helps customers evaluate materials, solve formulation challenges and improve ceramic performance. With expertise across ceramic bodies, glazes and enamels, Covia can help manufacturers assess raw material selection and identify opportunities to improve forming, plasticity, strength and firing behavior.

Rely on quality-controlled supply

Covia supports CERASIL customers with quality-controlled production, reliable availability and logistics capabilities designed for the needs of ceramic manufacturing. From formulation requirements to production schedules and supply planning, Covia helps customers maintain consistency in the lab, on the line and across long-term production.

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