



Beryllium Oxide Ceramic Crucible

Beryllium Oxide Ceramic Crucible features a unique combination of thermal, dielectric, and mechanical properties. Nextgen Advanced Materials supplies BeO crucibles with high quality and fast delivery, and customized products are also available.

Product Description

You are welcomed to come to our factory to buy the latest selling, low price, and high-quality Nextgen Beryllium Oxide Ceramic Crucible. We look forward to cooperating with you. Beryllium oxide ceramic crucibles are made of high purity beryllium oxide ceramics. Beryllium oxide, or beryllia, is the best ceramic thermal conductor and competes with the most conductive metals, and its electrical isolation is equivalent to that of alumina and the best electrical insulators. BeO crucibles possess a unique combination of thermal, dielectric, and mechanical properties, and they are highly desirable in electronic applications.



Beryllium Oxide Ceramic Crucibles Specifications

Testing Entries	Testing Conditions	Properties
Flexural Strength	/	≥170MPa
Thermal Conductivity	25°C	≥250W/m·k
	100°C	≥190W/m·k
Permittivity	1MHz 20°C	6.5-7.5
	10GHz 20°C	6.5-7.5
Volume Resistivity	25°C	≥10 ¹⁴ Ω·cm
	300°C	≥10 ¹¹ Ω·cm