



Zirconia Crucible

High purity zirconia crucibles are great refractory and insulating containers, able to be used under a high temperature. Nextgen Advanced Materials supplies High purity zirconia crucibles with high quality and fast delivery, and customized products are also available.

Product Description

You can rest assured to buy Nextgen Zirconia Crucible from our factory. We have achieved remarkable success in this domain as a result of our focused approach, timely delivery, and ethical company philosophy. High purity zirconia crucibles are great refractory and insulating containers. They can withstand a high temperature above 1900°C and above and are specially manufactured for melting superalloys and precious metals. They also have excellent chemical inertness, superior thermal shock resistance to temperatures reaching up to 2200°C, and good corrosion resistance to acids and alkalis.



Specification

Zirconia ceramics performance	Density	g/cm ³	≥6.0
	Water absorption	%	<0.05
	Firing temperature	°C	1550
	Hardness	HV	1350
	Bending strength	MPa	950
	Compression strength	Mpa	25000
	Breaking tenacity	Mpa·m ^{1/2}	8
	Hot expansion coefficient	/°C	9.5x10 ⁻⁶