



### **Ceramic Grade Calcia Stabilized Zirconia Powder**

Ceramic Grade Calcia Stabilized Zirconia Powder is the preferred material to make thermal ceramics with high strength, tenacity and good performance of thermal shock. Nextgen Advanced Materials supplies Ceramic Grade Calcia Stabilized Zirconia Powder with high quality and fast delivery, and customized products are available.

#### **Product Description**

You can rest assured to buy customized Nextgen Ceramic Grade Calcia Stabilized Zirconia Powder from us. We strive to provide customers with satisfactory products and services through our own efforts. If you have questions about product use and functions, you can contact us 24 hours a day. We get in touch. Ceramic Grade Calcia Stabilized Zirconia Powder is the ideal material to make the thermal ceramics with high strength, tenacity and good performance of thermal shock. It is available in different kinds. With special production process, we can produce different Ca-PSZ powder by adjusting the content of CaO.



### Ceramic Grade Calcia Stabilized Zirconia Powder Specifications

Type		CaPSZ-1	CaPSZ-2	CaPSZ-3	CaPSZ-4
Chemical Composition (wt%)	ZrO <sub>2</sub>	94	94	94	94
	CaO	3.0	3.0	3.5	3.5
	SiO <sub>2</sub>	0.1	0.1	0.4	0.5
	Fe <sub>2</sub> O <sub>3</sub>	0.01	0.01	0.1	0.1
	TiO <sub>2</sub>	0.01	0.01	0.2	0.2
	Al <sub>2</sub> O <sub>3</sub>	0.4	0.4	0.4	0.4
Physical Properties	Density(g/cm <sup>3</sup> )	5.7	5.7	5.6	5.6
	Appearance	Granular	Powder	Granular	Powder
	Color	White	White	Earth Yellow	Earth Yellow
	Temperature(°C)	1200	1200	1500	1500