



### Spherical Yttria Stabilized Zirconia Powder

You can rest assured to buy Nextgen Spherical Yttria Stabilized Zirconia Powder from our factory. Spherical Yttria-stabilized Zirconia Powder is a dense white powder of high chemical purity containing yttria, showing excellent sintering properties. Nextgen Advanced Materials supplies Spherical Yttria-stabilized Zirconia Powder with high quality and fast delivery, and customized

products are also available.

#### Product Description

As the professional manufacture, we would like to provide you Nextgen Spherical Yttria Stabilized Zirconia Powder. We welcome new and old customers to continue to cooperate with us for a bright future and provide you with the best after-sales service and timely delivery. It is a dense white powder of high chemical purity containing yttria. It has excellent sintering properties. Yttria-stabilized zirconia (YSZ) is a zirconium-oxide-based ceramic. The particular crystal structure of zirconium oxide is made stable at room temperature by the addition of yttrium oxide. These oxides are commonly called "zirconia" ( $ZrO_2$ ), and "yttria" ( $Y_2O_3$ ), hence the name.



#### Specification

Molecular Weight (g/mol.)	
Bulk Density (kg./dm <sup>3</sup> )	~0.65
Specific Gravity	
Specific Heat @25°C (cal/g-°C)	
Melting Point (°C)	~2700

Boiling Point (°C)	
Surface Area (m <sup>2</sup> /g)	7-8
Thermal Conductivity @20°C (cal/s-cm-°C)	
Mohs Hardness @20°C	
pH	
Color	