

## Product Data Sheet

### YSZ – 772

#### Yttria Stabilised Zirconia

##### Chemical

ZrO <sub>2</sub> / HfO <sub>2</sub>	> 94.0 %
Y <sub>2</sub> O <sub>3</sub>	5.50 +/- 0.2 %
SiO <sub>2</sub>	< 0.020 %
TiO <sub>2</sub>	< 0.005 %
Fe <sub>2</sub> O <sub>3</sub>	< 0.005 %
Na <sub>2</sub> O	< 0.005 %

##### Physical

d50                      50 - 70 um

#### Yttria Stabilised Zirconia

##### Appearance

White Granules  
Ready to press  
40% Translucence (1mm)

##### Application

Dental Ceramics  
Technical Ceramics

##### Properties of Sintered Body

Density (g/cm <sup>3</sup> )	6.05
Bending Strength RT (MPa)	1,150
Hardness (Hv 10)	1,250