



## Zirconium Toughened Alumina Ceramic Beads (ZTA80)

### Product characteristic:

- 1) High strength and toughness near that of zirconia beads
- 2) the lowest abrasion in the same kind beads,
- 3) appropriate bulk density
- 4) good sphericity

### Physical parameters

Composition	80% ZrO <sub>2</sub> + Y <sub>2</sub> O <sub>3</sub> , 20% Al <sub>2</sub> O <sub>3</sub>
Packed Density	3.3(Φ7mm)Kg/L
Specific Density	≥5.2g/cm <sup>3</sup>
Hardness(Mohs)	9
Wear resistance	0.01(g/kg.h)
Water absorption	<0.01%
compressive strength	>1.8KN (2.0MM)
colour	white
Spherical size	0.5—25mm

### The application

Non-metallic mineral, paint, ink, paper, coatings, electronic materials, magnetic materials, dyes, food, medicine, etc.