



## Zirconium silicate beads



**Zirconium silicate beads** formed by sintering. There are no pore inside.

High crush strength which it couldn't be broken used for long time in the quick speed mill. It widely instead of the fused zirconium silicate with pore and broken easily.

### 1. Principal characteristic:

- 1) Good roundness, smooth surface, brightness and no air hole.
- 2) Preferable toughness, good impact, no peeling, no pollution.
- 3) Good stability, acid resistance and alkali proof.
- 4) Wear and tear on equipment very small.

### 2. Typical properties:

Chemical Composition	ZrO <sub>2</sub>	60%
	SiO <sub>2</sub>	30%
Specific density	≥4.0g/cm <sup>3</sup>	
Bulk Density	2.5-2.6g/cm <sup>3</sup>	
Mohs hardness	>7.2	
Size	Φ0.6-5.0mm	

### 3. Application:

Paint&Coating  
Ultra-fine grinding for Cosmetic&Magnetic band  
Superfine grinding mineral(GCC,Kaolin and so on)

### 4. Machine:

Sand mill, Attrition Mill  
Other quick speed grinding machine