

Specifications for Ytria Stabilized Zirconia grinding balls

1. Ball dia meter : 3.0 mm
2. Composition of the balls by weight % : ZrO_2 : 94 to 95%,
 Y_2O_3 : 5.0 to 6.0%
 Al_2O_3 : <0.25%
 SiO_2 : < 0.009%
 Fe_2O_3 : <0.002%
3. Bulk density : 3.5 to 3.7 g /cc
4. Specific density : 6.0 to 6.1 g/cc
5. Hardness Mohs : > 9
6. Crushing load KN : 20
7. It shall high resistant to acids and solvents
8. It shall have high polished, smooth, easy to clean and low abrasion to bowl
9. It shall have high mechanical strength , good toughness and impact resistance

