



Yttria Stabilized Zirconia Grinding Media

As the professional manufacture, we would like to provide you Nextgen Yttria Stabilized Zirconia Grinding Media. YTZP yttria zirconia beads are the best grinding media used for a wide range of applications, such as vertical stirring mill, horizontal rolling ball mill, vibration mill, etc. Nextgen Advanced Materials supplies YTZP yttria zirconia beads with high quality and fast delivery, and customized products are also available.

Product Description

Nextgen Advanced Materials INC is manufacturer & supplier who mainly produces Yttria Stabilized Zirconia Grinding Media with many years of experience. Hope to build business relationship with you. YTZP yttria zirconia beads are made of high-grade and nano-metre Yttria Stabilized Zirconia which is proudly produced by our facility in large and homogenous batches. This advanced precursor material guarantees excellent mechanical properties, outstanding wear resistance and good corrosion resistance. This high density bead is used to achieve maximum milling results at minimum product contamination rates. YZV is zirconia fine bead, widely used for nano grinding in advanced bead mills, we offer sizes 0.03mm, 0.05mm, 0.1mm, 0.2mm, 0.3mm.



Specification

Chemical composition:	Zirconium Oxide (ZrO ₂)	94.6 ± 0.2%	Yttrium Oxide (Y ₂ O ₃)	5.2 ± 0.2%
	Remainder	0.2 ± 0.05%		
Properties:	Density (g/cc)	6.0 (± 0.05)		
	Bulk density (kg/l)	3.7		
	Hardness (HV1)	1350 (0.3mm Bead)		

	Mohs' hardness	9		
	Breaking load (KN)	> 1		
	Color	White (pearl sheen)		
	Crush strength	≥90 (0.3mm Bead)		