

CERAMOSTAR



- Milling Media and Metallurgy - SPECIALIST PERFORMANCE SERIES

Outotec



Y₂OptiMax YZ600

Outotec

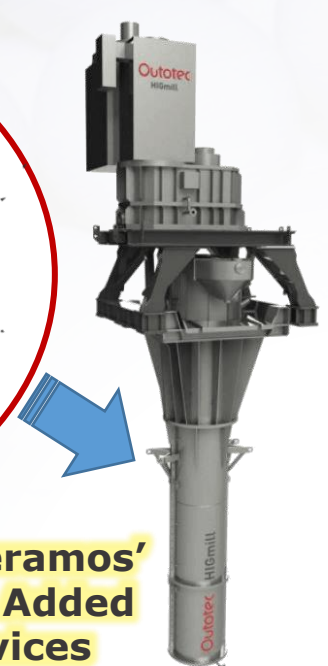
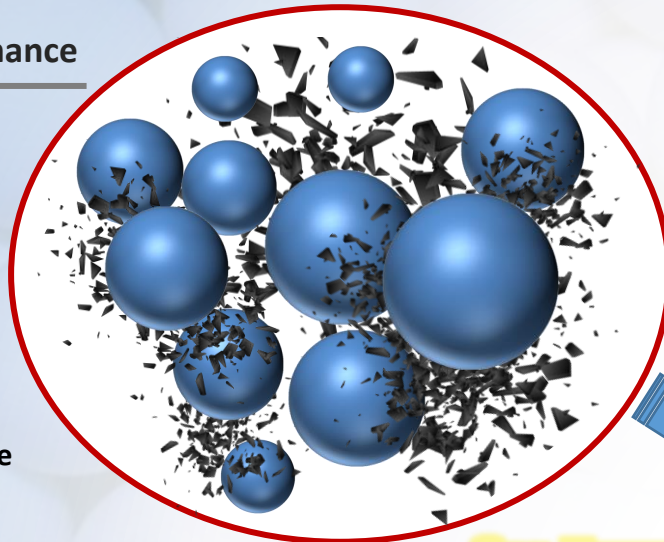


Premium performance yttria stabilised zirconia ceramic grinding media. Designed and engineered to provide globally leading performance in specialist high intensity milling systems such as the Outotec HIG Mill. OEM APPROVED

Specifications		Properties
Item	Units	
Chemical Composition	% ZrO ₂	≥ 94
	% Y ₂ O	5 - 6
	% Al ₂ O ₃	0
	% Others	< 2
Specific Solids Density	g/cm ³	5.95 – 6.05
Bulk Density	g/cm ³	3.55 – 3.65
Size Range	mm	0.8 – 6 (sizes on request)
Sphericity	%	≥ 95
Fracture Toughness	N/mmØ (3mm)	~1750 +/- 15%
Hardness	Vickers	≥ 1450
Porosity	%	0.1
Appearance	-	White - Glossy

Metallurgically Optimised Performance

- Superior Wear Performance
- Reduced Consumption
- Reduced Operating Costs
- Improved Grinding Efficiency
- Reduced Energy Utilisation
- Improved Process Performance
- OEM Approved Metallurgical Service Support and Facilities



See Keramos' Value Added Services