

CERAMOSTAR



- Milling Media and Metallurgy -

SPECIALIST PERFORMANCE SERIES

Outotec



X-Star ZX500

Outotec

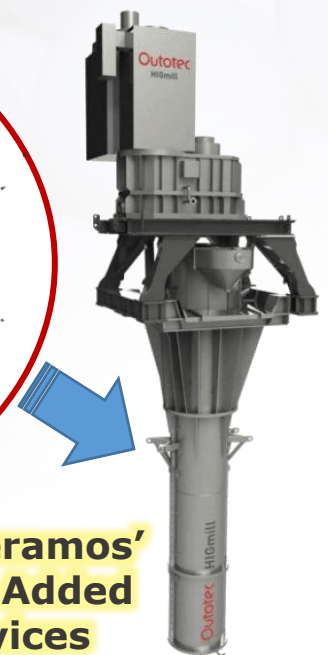
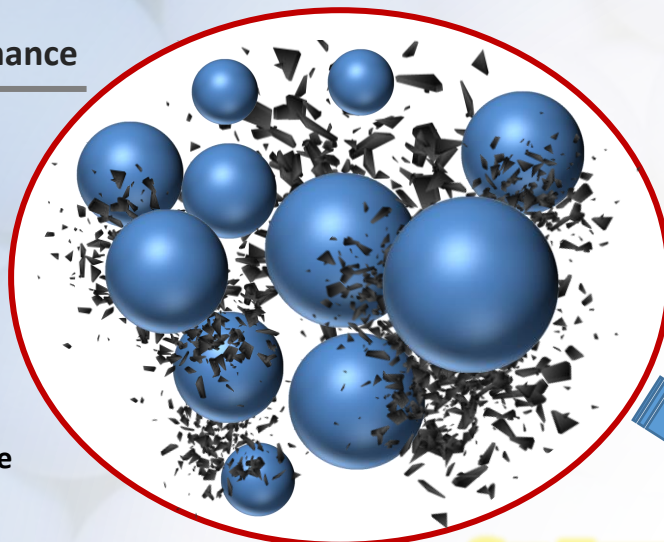


Ultra-High performance X-Star stabilised toughened zirconia ceramic grinding media. Designed and engineered to provide ultra-high performance in specialist high intensity milling systems such as the Outotec HIG Mill. OEM APPROVED

Specifications		Properties
Item	Units	
Chemical Composition	% ZrO ₂	≥ 75
	% SiO ₂	≤ 20
	% Al ₂ O ₃	3
	% Others	< 2
Specific Solids Density	g/cm ³	4.95 – 5.1
Bulk Density	g/cm ³	2.95 – 3.05
Size Range	mm	0.8 – 12 (sizes on request)
Sphericity	%	≥ 95
Fracture Toughness	N/mmØ (3mm)	~500 +/- 15%
Hardness	Vickers	≥ 1350
Porosity	%	0.1
Appearance	-	Cream - Yellow

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