

# CERAMOSTAR



## - Milling Media and Metallurgy - SPECIALIST PERFORMANCE SERIES

Outotec



# MetPro ZT450

Outotec

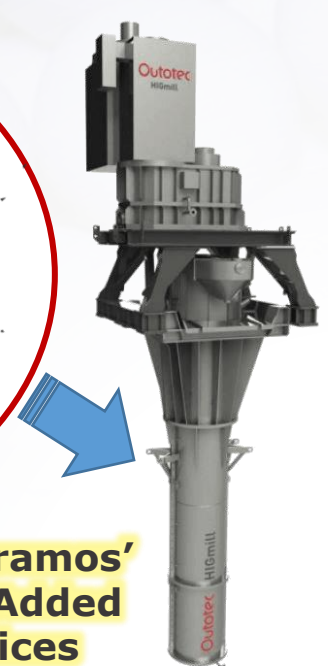
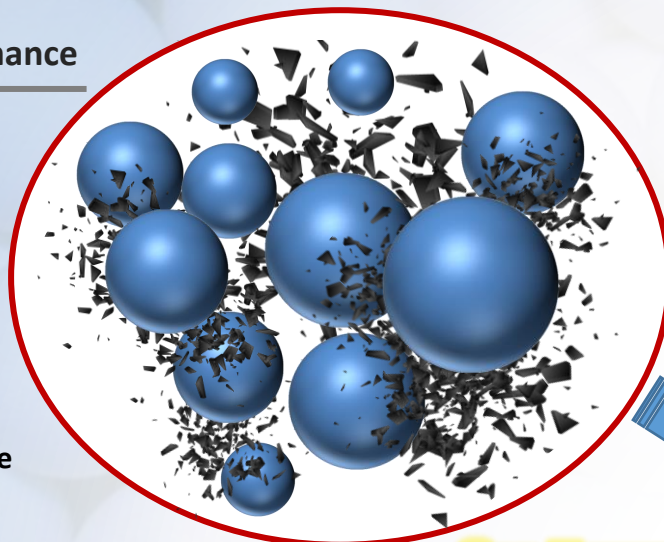


*Specialist performance high-grade toughened zirconia ceramic grinding media. Designed and engineered to provide ultra-high performance in specialist high intensity milling systems such as the Outotec HIG Mill. OEM APPROVED*

Specifications		Properties
Item	Units	
Chemical Composition	% ZrO <sub>2</sub>	≥ 66
	% SiO <sub>2</sub>	≤ 27
	% Al <sub>2</sub> O <sub>3</sub>	5
	% Others	< 2
Specific Solids Density	g/cm <sup>3</sup>	4.45 – 4.6
Bulk Density	g/cm <sup>3</sup>	2.65 – 2.75
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**