

# CERAMOSTAR

- **Milling Media and Metallurgy** -  
**HIGH INTENSITY GRINDING SERIES**



## MetPro ZT380



High grade alumina toughened zirconia ceramic grinding media. Designed and engineered to provide ultra-high performance in high intensity milling systems such as the Outotec HIG Mill & Glencore IsaMill. OEM APPROVED

Specifications		Properties
Item	Units	
Chemical Composition	% ZrO <sub>2</sub>	≥ 18
	% SiO <sub>2</sub>	≤ 12
	% Al <sub>2</sub> O <sub>3</sub>	≤ 66
	% Others	< 4
Specific Solids Density	g/cm <sup>3</sup>	3.75 – 3.9
Bulk Density	g/cm <sup>3</sup>	2.25 – 2.35
Size Range	mm	0.8 – 12 (sizes on request)
Sphericity	%	≥ 95
Fracture Toughness	N/mmØ (3mm)	~450 +/- 15%
Hardness	Vickers	≥ 1350
Porosity	%	0.1
Appearance	-	Cream - White

### 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

