



BHALLA CHEMICAL WORKS PVT LTD

Monoclinic Zirconium Oxide BZ-2

ZrO₂

Typical Product Specifications

Chemical Properties

Element	ZrO ₂ +HfO ₂	SiO ₂	TiO ₂	Fe	CaO	MgO	Na ₂ O	Bulk Density
Unit	%	%	%	%	%	%	%	gm/cc
Typical Value	99.5	<0.15	<0.15	<0.01	<0.03	<0.03	<0.03	>1.60

Physical Properties

Characteristics	BZ-2 (Standard)	BZ-2 (Milled)
Appearance	White Precipitated Free Flowing Powder	White Precipitated Fine Powder
Loss on Drying (@1025°C)	0.2~0.49	0.2~0.49
d 50 µm	12±2	6±2
Bet m ² /gm	13±3	15±3

Note: The above-mentioned grades are those typically produced by company. Customer Specific modifications to the above products can also be done.

Applications	Tundish Nozzle	Refractory	Wear Parts	Brake Linings
	Grinding Media	Digital Inks & Pigments		

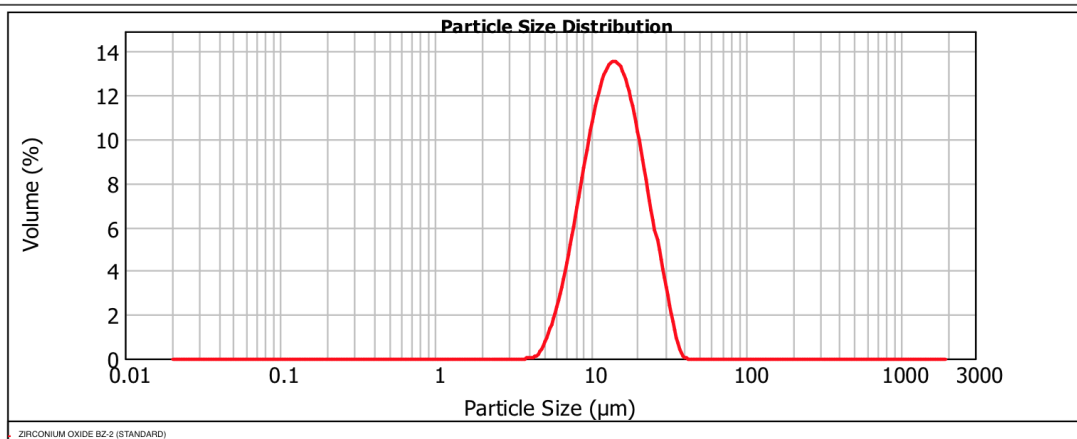
Standard Packaging: 25 Kg HDPE Bags with Liner or 1000 Kg Jumbo Bags duly palletized

D(0.10) : 8.03 µm

D(0.50) : 14.08 µm

D(0.90) : 24.16 µm

D(1.00) : 38.73 µm



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(The Contents of this sheet are given in good faith but without warranty)