



BHALLA CHEMICAL WORKS PVT LTD

Monoclinic Zirconium Oxide BZ-1E

ZrO₂

Typical Product Specifications

Chemical Properties

Element	ZrO ₂ +HfO ₂	SiO ₂	TiO ₂	Fe	CaO	MgO	Na ₂ O	Bulk Density
Unit	%	%	%	ppm	%	%	%	gm/cc
Typical Value	99.9	<0.01	<0.01	<30	<0.01	<0.01	<0.01	>1.60

Physical Properties

Characteristics	BZ-1E (Standard)	BZ-1E (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	15±2	0.5~1
Bet m ² /gm	<10	<20

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

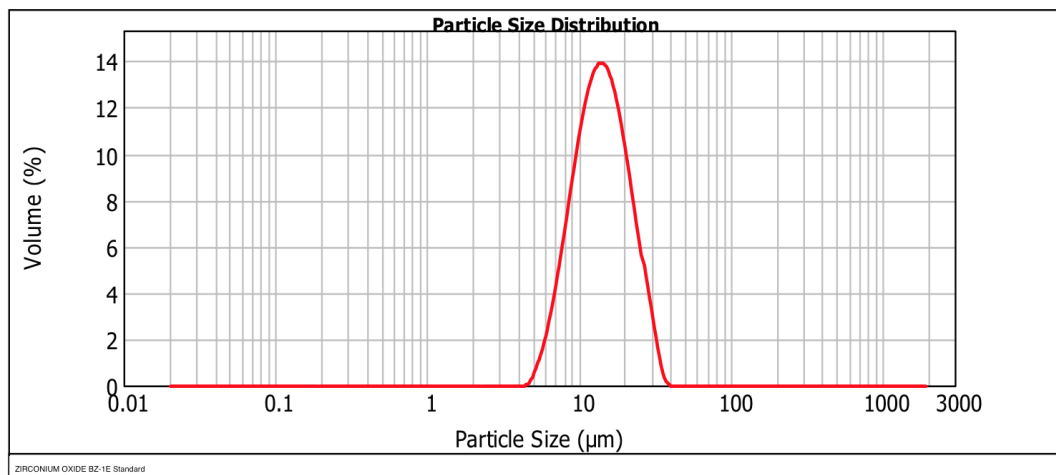
Applications Electro Ceramics Piezo Ceramics Cubic Zirconia Ceramic Capacitors

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

d(0.1): 8.138 µm

d(0.5): 14.001 µm

d(0.9): 23.701 µm



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