

Depleted Zinc Oxide (DZO)

Note: Actual DZO specifications subject to quotation.
DZO is available in both powder and pellet forms.

Typical Product Specifications

PHYSICAL	
Compound	ZnO
Form	Pellets/Powder
Zn ⁶⁴ Content	<1.0%
Pellet Dimensions Height Diameter	1cm 1cm
Pellet Density	>0.477 g/cm ³
Moisture Loss @ 110°C	0.4 wt%
Particle Diameter Average Maximum	<5 microns <30 microns
Surface Area	>15 m ² /gram
Bulk Density	<1 g/cc



Please see page 2 for a complete list of chemical and physical specifications



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Depleted Zinc Oxide *(continued)*

Depleted Zinc Oxide Typical Product Specifications

Isotopic Composition: Zn-64 content is less than 1%
 Minimum chemical purity of zinc oxide: 99.8%

DZO SPECIFICATIONS		
Element	Symbol	Impurity Limits
Aluminum	Al	≤50 ppm
Antimony	Sb	≤10 ppm
Arsenic	As	≤10 ppm
Barium	Ba	≤10 ppm
Bismuth	Bi	≤10 ppm
Boron	B	≤10 ppm
Bromine	Br	≤10 ppm
Cadmium	Cd	≤10 ppm
Calcium	Ca	≤10 ppm
Carbon	C	≤100 ppm
Chlorine	Cl	≤20 ppm
Chromium	Cr	≤10 ppm
Cobalt	Co	≤10 ppm
Copper	Cu	≤10 ppm
Fluorine	F	≤20 ppm
Hafnium	Hf	≤10 ppm
Indium	In	≤10 ppm
Iodine	I	≤10 ppm
Iron	Fe	≤30 ppm
Lead	Pb	≤10 ppm
Manganese	Mn	≤10 ppm
Nickel	Ni	≤10 ppm
Phosphorus	P	≤10 ppm
Silicon	Si	≤50 ppm
Silver	Ag	≤10 ppm
Sulphur	S	≤10 ppm
Sulfates	SO ₄	≤10 ppm
Tin	Sn	≤20 ppm
Titanium	Ti	≤10 ppm
Vanadium	V	≤10 ppm
Rare Earths		≤10 ppm
Insoluble (HCl)		≤100 ppm

