



**ZINC OXIDE**  
**GRADE AZO 66EP**  
**(Ph. Eu. And BP Commission Compliant)**

**Description & Uses**

Grade AZO 66EP is a high purity bright white zinc oxide produced from zinc metal following Food and Drug Administration's Good Manufacturing Practices. AZO 66EP has been developed to meet the highest standards of chemical purity and physical quality required to meet all the requirements of the BRITISH PHARMACOPOEIA COMMISSION and PHARMACOPOEIA EUROPE. This grade can be used in applications specifying BP or EP quality. A Buyer of this Grade may not repackage or re-label the material. If the material is repackaged or relabeled, it is not eligible for cancellation or return.

**Technical Values\***

<b>Chemical Analysis (%)</b>	<b>Range</b>	<b>Nominal</b>	<b>Method</b>
ZnO (Zinc Oxide, % dry basis)	≥ 99.0%	99.7%	USP
Pb (Lead, ppm)	≤ 50	20	AA
Cd (Cadmium, ppm)	≤ 10	5	AA
Fe (Iron, ppm)	≤ 200	2	AA
As (Arsenic, ppm)	≤ 5	ND<2	ICP
Carbonation & HCL Acid Insol.	Pass	Pass	BP/Ph.Eur
Alkalinity	Pass	Pass	BP/Ph.Eur.
Loss @ 500C (%)	1.0%	0.2%	BP/Ph.Eur.

**Physical Properties**

Surface Area (m <sup>2</sup> /g)	N/A	5.0	BET
Sieve Residue (45u/US325, %)	≤ 0.1%	0.001%	ASTM
Loss @ 110C (%)	<0.4	0.1	ASTM
Specific Gravity	N/A	5.6	Mfg.
Apparent Density (g/cm <sup>3</sup> )	N/A	0.5	Mfg.

Standard packaging in 25 kg net weight bags on 40X40 wood pallets. 1,000 kg net weight per pallet.

*\*AZO66EP zinc oxide is certified to pass all BP Commission and Ph. Eur. Characteristic limits. Not intended for API applications*

*Note: Product shelf life when stored properly is 12 months.*

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**U. S. ZINC**

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