



**ZINC OXIDE**  
**GRADE AZO66EP**  
**(Ph. Eu. and BP Commission Compliant)**

**Description & Uses**

Grade AZO 66EP is an extremely high purity bright white zinc oxide produced from zinc metal following 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 may be used in applications specifying BP or EP which may include pharmaceutical, cosmetic, ointment, can lacquer and other applications specifying BP or EP quality. It is recommended for industrial and research uses that demand the ultimate in purity and uniformity.

**Technical Values\***

<b>BP &amp; Ph. Eur. Properties</b>	<b>Limits</b>	<b>Nominal</b>	<b>Method</b>
ZnO (Zinc Oxide, % dry basis)	99.0-100.5	99.7	EDTA
Pb (Lead, ppm)	50 max	20	AA
Cd (Cadmium, ppm)	10 max	5	AA
Fe (Iron, ppm)	200 max	2	AA
As (Arsenic, ppm)	5 max	ND<2	ICP
Carbonation & HCl Acid Insoluble	Pass	Pass	BP/Ph.Eur.
Alkalinity	Pass	Pass	BP/Ph.Eur.
Loss @ 500C (%)	1.0	0.2	BP/Ph.Eur.

**Additional Information Properties**

Surface Area (m <sup>2</sup> /g)	-	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> )	-	.5	Mfg.

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

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

*Revised 28Feb2008*