

EPM-E

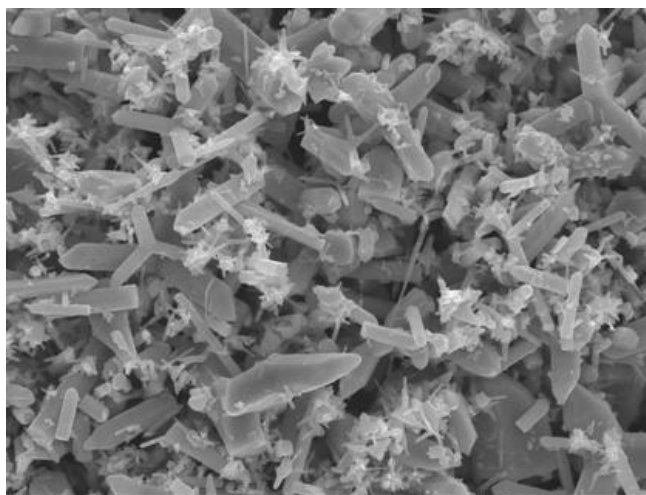
Zinc oxide EPM-E is a direct or American process zinc oxide which is produced by a reduction-oxidation process, followed by a special treatment resulting in a high quality zinc oxide. EPM-E has a low level of impurities and a particular fineness which makes its use appropriate in most industrial applications such as in the ceramic or rubber industry while being specially recommended in the paints industry.

Packaging (UN approved) :
 - Multiple paper bags containing 25 kg net on pallet
 - Big bags, 500-1300 kg net on pallet
 - Bulk

Storage: - In a dry warehouse.

Material Safety Data Sheet available on request.

Chemical data	Guaranteed value	Typical value	Method	Reference
ZnO on dry sample	99,4 % min.	99,7 %	Calculated	
Pb	0,0500 % max	0,0200 %	ICP-AES	DIN 55908
Cu	0,0070 % max	0,0040 %	ICP-AES	DIN 55908
Cd	0,0020 % max	0,0003 %	ICP-AES	DIN 55908
Fe	0,0300 % max	0,0050 %	ICP-AES	DIN 55908
Mn	0,0040 % max	0,0005 %	ICP-AES	DIN 55908
Insoluble HCl	0,2500 % max	0,0800 %	Gravimetric	
Water soluble salts	0,4000 % max	0,2000 %	Gravimetric	
Physical data				
Aspect	White powder			
Specific surface	1,0 – 1,6 m ² /g		BET	ISO 5794-1
Residue on 325 mesh sieve	0,05 % max		Möcker sieve	ISO 787-18
Bulk density		550 ± 100 kg/m ³	Gravimetric	ISO 60 (ASTM D1895)
Oil absorption	13,0 – 16,0 %		Gardner - Coleman	ISO 787-5
Dispersability, Hegman value	5,0 min.			DIN ISO1524



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