



ACTIVE ZINC OXIDES



RIGHT CHEMISTRY. RIGHT PEOPLE

ZINCOSIL AH-90

ZINCOSIL AH-90 is an active zinc oxide developed by our R&D having following unique features compared to white-seal-

- (1) Due to higher surface area, it gives better activation cure.
- (2) ZINCOSIL is free from metallic impurities like Pb, Cd, Mn etc. which are present in substantial quantities in white-seal and cause accelerated ageing.
- (3) As it is free from heavy metal impurities it is also highly suitable for all products related to human or animal consumption such as feed, cosmetics, & rubber products for medical purposes etc.

PHYSIOCHEMICAL PROPERTIES

PROPERTY	UNIT	VALUE
ZnO	%	90±2
Electrolytes	%	<1.0
pH (2% acq. solution) ⁵	-	7.0 - 8.5
Bulk Density ^{1,4}	gm/cc	0.8 - 0.9
Moisture (90°C) ²	%	<1.0
Heavy Metals	ppm max. total	20
Residue on 300 mesh ⁶	%	<0.8
Surface Area (BET) ³	m ² /gm	15-20
Water Absorption	%	34-38
Oil Absorption	%	32-36

1) At the time of packing 2) By IR Moisture Balance 3) Determined on coulter SA 3100 Surface Area Analyzer (by Nitrogen adsorption BET method) 4) IS: 7086 (Part 1) 1973 5) By Anthraquinone pink spot test

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CERTIFICATIONS

