



ZINC PHOSPHATE

PRODUCT SPECIFICATIONS

PHYSICAL FORM Micronized Powder **CAS No.:** [7779-90-0]

PARAMETERS	UNIT	SPECIFICATION	
		Nominal value	Tolerance (+)

1. CHEMICAL PROPERTIES

Zinc Content (as Zn) (after calcination for 1 hr at 600°C)	%	50.0	2.0
PO ₄ Content (after calcination for 1 hr at 600°C)	%	48.0	2.0
Oil Absorption cm ³ /100 g		27.0	5.0
pH		6.5	1.0

2. PHYSICAL PROPERTIES

Average particle size d (0.5)	Micron	4.5	Laser granular on Malvern Instrument
Bonded water content	%	10.0 max.	1 hr at 600°C gravimetric
Sieve Residue (on 45 microns 350BBS)	%	0.05	max.

PACKAGING 25 Kg HDPE / paper bags (other packing available on request)

STORAGE Keep it away from moisture. Store in a dry and well-ventilated place.

MAJOR APPLICATIONS

- Manufacture of Zinc Rich Paint Formulations
- Manufacture of fertilizers



Transpek-Silox

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