



Technical Data Sheet

Product name	Zinc phosphate ZPE
CAS No	7779-90-0
EC No	231-944-3
Chemical formula	$\text{Zn}_3(\text{PO}_4)_2 \cdot 2\text{H}_2\text{O}$
Appearance	White Powder
Storage	Keep the product in a tightly closed container ,Isolate form any source of heat or ignition and moisture
Packing unit	25kg Poly Propylene bag & 500kg Poly Propylene bag,
Application	Material for anti-corrosion paint used in container,Ship and steel structures .Electronic materials
Goods characteristics	White Powder.Soluble in acid or alkali solution, insoluble in water or alcohol.

ZINC PHOSPHATE (ZPE) CHEMICAL ANALYSIS

TEST ITEM	UNIT	REQUIREMENT
Whiteness	%	90-96
ZnO (on ignited)	wt. %	Min50
PO4(on ignited)	wt. %	Min45
Moisture	wt. %	Max2.5
Oil Absorption	ml/100g	35 ± 10
The PH Value	-	5.5-7
Residue on sieve (45um)	wt. %	Max0.05
D50(um)	-	4-6
Pb(ppm)	wt. %	10max
Cd(ppm)	wt. %	10max

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