

TECHNICAL DATA SHEET

Zinc phosphate

CAS No.:7779-90-0
EINECS No.:231-944-3

MF:Zn3(PO4)2.2H2O
HS CODE:2835299000

1.Property:

Zinc phosphate is a new type of nontoxic and harmless white antirust pigment with excellent performance in rust prevention and ideal application effect. It is the best substitute of conventional antirust pigments containing heavy metals such as lead and chrome.

2.Usage:

as the raw materials in production of Anti-corrosive coatings.Zinc phosphate is widely used in various coating materials for preparation of waterproof, acid-resistant or corrosion preventive coating materials

3.Specifications:

The technical specifications are as follows inconformance to Standard Q/84XS01-2004.

Item	Index		
	Super Grade	Standard Grade	Common Grade
Color	White powder	White powder	White powder
Zinc %	≥49.5	45-49	—
Content of phosphate(counted as ignition) W PO4 %	≥45	44-48	—
Content of zinc phosphate %	—	—	≥45
Oil Absorption %	20-30	15-25	≤40
Matter volatile at 105℃ % ≤	1	1	1
Residue on 45μm % ≤	0.2	0.2	0.2
Lead(Pb) % ≤	0.005	0.005	—
Cadmium(Cd) % ≤	0.002	0.005	—