



XINSHENG
CHEMICAL CO.,LTD

Technical Data Sheet

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|------------------------------|--|
| Product name | Zinc phosphate ZPA |
| CAS No | 7779-90-0 |
| EC No | 231-944-3 |
| Chemical formula | Zn ₃ (PO ₄) ₂ ·2H ₂ 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 (ZPA) CHEMICAL ANALYSIS

| TEST ITEM | UNIT | REQUIREMENT |
|--------------------------------|---------|-------------|
| Whiteness | % | 90-96 |
| Zn (on ignited) | wt.% | Min40 |
| PO ₄ (on ignited) | wt.% | Min45 |
| Al ₂ O ₃ | wt.% | 7-10 |
| 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) | - | 100max |
| Moisture | wt.% | Max2.5 |

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