



Zinc Phosphate

Description:

DESCRIPTION: White Powder

FORMULA: $Zn_3(PO_4)_2 \cdot 2H_2O$

MOLECULAR WEIGHT: 422.08

CAS No. (7779-90-0)

Technical Specification:

Test Parameters	Specification	Test Method
A. Chemical properties		
Zn content (After calcinations for one hour at 600°C)	50% ± 2%	IS 10897:1984
PO4 content (After calcinations for one hour at 600°C)	48% ± 2%	IS 10897:1984
Oil absorption (cm ³ /100 gm)	27 ± 5	IS 10897:1984
PH Value	6.5 ± 1	IS 10897:1984
B. Physical Properties		
Bonded water content (one hour at 600°C)	Min 10%	IS 10897:1984
Sieve Residue (45 Microns)	0.05% max	IS 10897:1984



Packging Details

25 kg HDPE bags/paper bags, other packing available on request.

Storage

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

MAJOR APPLICATIONS:

It is widely being used in manufacturing of Zinc rich anti-corrosive paint primer systems.

Esaar ZP is compatible with variety of solvents & Water based Polymers. It is also used in the formulation of Dental Cement.

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