



Technical Data Sheet

Zinc Phosphate ZP 8400

PRODUCTION INFORMATION

Zinc Phosphate ZP 8400 is bright white shade anti corrosive pigment especially designed for Solvent based Coating system .

PRODUCT INFORMATION

Chemical Type	Zinc Phosphate
C.I.Name	Pigment White 32
C.I. No	77964

APPLICATION PROFILE

Industrial Primer	Recommended
Coil Coating	-
General application	Recommended

PHYSICAL PROPERTIES

Physical Appearance	Free Flowing Pigment Powder
Oil Absorption (gm / 100 gm)	17.0-21.0
Specific Gravity	3.20-3.50
Bulk Density	0.50-0.70
Residue on Sieve (# 240 Mesh)	< 0.500 %
% Volatile Matter	< 1.00%
% Water Solubles	< 1.00%

CHEMICAL CONTENTS

% Zinc Content as Zn	50.50- 52.00
% Phosphate Content as PO ₄ .	47.00-50.00
% Loss of Ignition	08.50-15.00

SOLVENT RESISTANCE

Water	5% Caustic Soda	5% Hcl	Linseed Oil	Ethanol	Ethyl Acetate
4-5	4-5	Soluble	4-5	4-5	4-5
Xylene	n-Butanol	M.E.K.	Mineral Turpentine	Cellosolve	DOP
4-5	4-5	4-5	4-5	4-5	4-5

HEAT STABILITY

120 ^o c/ 30 Minutes	150 ^o c/ 30 Minutes	180 ^o c/ 10 Minutes	210 ^o c/ 10 Minutes
Stable	Stable	Stable	Stable

PACKING INFORMATION

25.0 Kg in Plastic Bag	42"x42" inch Wooden pallet contains 800 Kg Material.
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