



236 Zinc Phosphate

Description: 236 is an easy dispersion, white powder, non-toxic zinc phosphate tetrahydrate-based product with excellent outdoor durability for anticorrosive coatings.

Chemical Type	Zinc Phosphate	Constitution No.	77964
Color Index	Pigment White 32	CAS No.	7779-90-0

Typical Chemical and Physical Properties

Zinc Content (%)	48 - 52
PO₄⁻³ Content (%) (after calcinations /1 hr. @ 600°F)	46 - 50
Particle Size (µm)	4.5
pH of Water Suspension	5.5 - 7.5
Fineness (Hegman)	5.5
Bonded Water Content (%)	15.7
Oil Absorption (g/100g)	22 – 32
Sieve Residue (45µm) (%)	≤ 0.05

Applications

Plastics	Coatings	Inks	Other
PVC	Decorative	Water Flexo	Paper
PE	Automotive/Aerospace ■	Solvent Flexo	Rubber
PP	Industrial ■	InkJet	Finger Paints
PS	Powder ■	UV	Seed Coatings
PET		Offset	
Fiber			

Not Frequently Used Limited Recommended

Comments: 236 is recommended for use in a wide range of resin systems, various solvent-based and water-based (reactive or non-reactive), air dry and baking systems. Areas of use include primers for automotive and aircraft metals, weldable steel coatings, coil coatings and other industrial applications.

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