

Inorganic Pigment Zinc Chromate

C.I. Name	Pigment Yellow 36
C.I. No.	77955

CAS. No.	37300-23-5
Chemical Group	Zinc Chromate

Product Description

Zinc Chromate is an inorganic pigment intended for use mainly as anti-corrosive pigment for its rust-inhibiting properties in general.

Properties

Appearance	Yellow Powder
Oil Absorption (mg/100g)	20~25
Moisture (%)	≤1.0
PH Value	6
Light Fastness	6~7
Specific Gravity	3.4~4.7
Residue on Sieve (45µm) %	≤0.5
ZnO Content % by Mass	36~40
CrO ₃ Content % by Mass	Min. 43
K ₂ O Content % by Mass	10 ~ 12
Water Soluble Chromate Content %	0.25 ~ 0.5
Water Soluble Chloride Content %	Max. 0.1
Water Soluble Sulphate Content %	Max. 0.1
Water Soluble Nitrate Content %	Max. 0.1

Applications

Anti-corrosion paints and coatings, anti-rust primers, plastics, rubbers printing inks, watercolors, oil paints etc.

Product Specification

Test Property	Specification	Test Method
dE	≤1.0	AFTM-P 2.1
Color Strength	100±5%	AFTM-P 2.1

Packaging, Shipping & Storage

Pigment Zinc Chromate is supplied in powder form. The product is packed in 25kg paper bag and shipped on pallets (750kg). Please keep the product stored under normal temperatures, dry and protected from weather.

All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.