



TECHNICAL DATA SHEET

MANALI ZINC TETROXY CHROMATE Z-02

Product Description

This is Basic Zinc Chromate pigment free from alkali metals intended for use mainly as anti-corrosive pigment for its rust-inhibiting properties in generally in etch primers

Product Information

Chemical Type	Chrome	Chemical Composition	ZnCrO ₄ .4Zn(OH) ₂
C.I. Name	Pigment Yellow 36:1	Physical Appearance	Yellow Powder
C. I. Constitution No.	77956		

Application Profile

Anti-corrosive Red Oxide / Yellow Oxide Primers	*	Rubber	--
		Leather Pastes	--
		Linoleum	--
PVC Leather Cloth	--	Paper Coating	--
Chalk/Crayons	--	Engineering Plastics	--

* RECOMMENDED -- NOT RECOMMENDED

Technical Performance

ZnO (mass %)	68.5% - 72%	Water soluble Chromate Content	0.1% maximum
CrO ₃ (mass %)	17% minimum	Water Soluble Chlorides	0.1% maximum
Insoluble in Ammonical Ammonia solution		0.5% maximum	

Physical Properties

Oil Absorption (gm /100 gm)	32 +- 10%	Resistance to Acid (1 - 5)	N.A.
Specific Gravity	3.4 - 4.5	Resistance to Alkali (1 - 5)	N.A.
Bulk Density (g/ml)	0.33 +- 0.1	Resistance to SO ₂ (1 - 5)	N.A.
Volatile Matter	1% Max.	pH Value	6 - 8

1 - POOR 5 - EXCELLENT