

ANURANG[®] Zinc Tetroxy Chromate Z 83

PRODUCTION INFORMATION

ANURANG[®] Zinc Tetroxy Chromate Z 83 is bright greenish Yellow anti corrosive pigment especially designed for Solvent based Coating system .

PRODUCT INFORMATION

| | |
|----------------------|-----------------------|
| Chemical Type | Zinc Tetroxy Chromate |
| C.I.Name | Pigment Yellow 36:1 |
| C.I. No | 77956 |

APPLICATION PROFILE

| | |
|---------------------|-------------|
| Industrial Primer | Recommended |
| Coil Coating | Recommended |
| General application | Recommended |

PHYSICAL PROPERTIES

| | |
|---------------------------------|-----------------------------|
| Physical Appearance | Free Flowing Pigment Powder |
| Oil Absorption (gm / 100 gm) | 25.0-35.0 |
| Specific Gravity | 3.00-3.50 |
| Bulk Density | 0.25-0.45 |
| Residue on Sieve (# 240 Mesh) | < 0.500 % |
| % Volatile Matter | < 1.00% |
| % Water Solubles | < 1.00% |

CHEMICAL CONTENTS

| | |
|--|--------------|
| % Zinc Content as Zn | 68.50- 72.00 |
| % Chromic Anhydride as Cr ₂ O ₃ .(Minimum) | 17.00 |
| % Loss of Ignition | 10.00-15.00 |

SOLVENT RESISTANCE

| | | | | | |
|--------|-----------------|--------|--------------------|------------|---------------|
| Water | 5% Caustic Soda | 5% Hcl | Linseed Oil | Ethanol | Ethyl Acetate |
| 3-4 | 2-3 | 1-2 | 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 | Un-Stable | Un-Stable | Un-Stable |

PACKING INFORMATION

| | |
|-------------------|--|
| 10 Kg Plastic Bag | 42"x42" inch Wooden pallet contains 300 Kg Material. |
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DISCLAIMER : The colour panels and other information provided in the shade card is given in good faith and is to be used as a guide only. Verification under actual conditions are recommended before use.