



Technical Data Sheet

MC 1400 MIDDLE CHROME YELLOW (PAINT APPLICATIONS)

PRODUCTION INFORMATION

Middle Chrome MC 1400 is a monoclinic lead chromate having pre-darkened reddish yellow pigment having good all round fastness properties.

PRODUCT INFORMATION



| | |
|--------------------------|---------------------|
| Chemical Type | Lead Chromate |
| C.I.Name | Pigment Yellow 34 |
| C.I. No | 77603 |
| CAS NO | 1344-37-2 |
| EINECS /ELINCS No | 215-693-7 |
| PHYSICAL FORM | Free Flowing Powder |

APPLICATION PROFILE

| | |
|--------------------------|-------------|
| Water borne Paints | Recommended |
| Air Drying Alkyds | Recommended |
| Aqueous Pigment Emulsion | Recommended |
| Stoving Enamels | Recommended |
| Powder Coating | Recommended |
| Industrial Coating | Recommended |
| Coil Coating | |

COLOURESTICES / FASTNESS PROPERTIES

TECHNICAL DATA

| FULL TONE (0.2 %) | | Reduction Tone (1: 10) | |
|--|-------|--|-------|
|  | |  | |
| L | 76.56 | L | 89.79 |
| C | 92.46 | C | 56.35 |
| H | 75.96 | H | 79.68 |
| a | 23.85 | a | 11.37 |
| b | 88.38 | b | 51.12 |
| Light Fastness | 6-7 | Light Fastness | 5-6 |
| Weather Fastness | 4-5 | Weather Fastness | 3-4 |

PHYSICAL DATA

| | | |
|------------------|--------------------|-----------|
| Oil Absorption | gm/100gm | 15.0-20.0 |
| Bulk Density | Kg/Lt | 1.14-1.20 |
| Specific Gravity | Gm/cm ³ | 5.00-6.00 |
| pH | Number | 6.00-8.00 |

RESISTANCE TO HEAT

| | | | | |
|-----------------|-----------------|-----------------|-----------------|---|
| 120°C / 30 Min. | 150°C / 20 Min. | 180°C / 10 Min. | 210°C / 10 Min. | - |
| SB | SB | USB | USB | - |

RESISTANCE TO ACID and ALKALI

| | |
|------|--------|
| ACID | ALKALI |
| Good | Poor |

BLEEDING PROPERTIES (1-5 Scale , Where 5 : No Bleed & 1 : Considerable bleed)

| | | | | | | | | | |
|-------------|---------|---------------|--------|-----------|--------|--------|------------|--------|---------|
| Linseed Oil | Ethanol | Ethyl Acetate | Xylene | n-Butanol | M.E.K. | M.T.O. | Cellosolve | D.O.P. | Acetone |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

STANDARD PACKAGING

| | |
|-------------------|---|
| 25 Kg Plastic Bag | 1000 Kg Material kept in 42''x42'' inch wooden pallet |
|-------------------|---|

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.