



Technical Data Sheet

MC 1100 Middle Chrome Yellow (Paint Applications)

PRODUCTION INFORMATION

Middle Chrome MC 1100 is a monoclinic lead chromate reddish yellow pigment having good all round fastness properties. Use full where processing temperature is not more than 200^oc

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	78.46	L	86.79
C	89.48	C	53.35
H	74.86	H	77.68
a	23.35	a	11.37
b	86.38	b	52.12
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 ^o C / 30 Min.	150 ^o C / 20 Min.	180 ^o C / 10 Min.	210 ^o C / 10 Min.	-
SB	SB	SB	SB	-

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
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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.