



Product Description

Colour Index Name	Pigment Yellow 34
Colour Index No.	77603
CAS number	1344-37-2
Chemical name	Lead (Sulfo) Chromate/Lemon Chrome

Structural Formula



Physical Properties

Parameter	Values	Method
Specific gravity	5.3 gm/cm ³	IS 33 1992
Oil absorption	22 g/100g (±5 gm)	IS 33 1992
pH of aqueous extract	6 - 8	IS 33 1992
Moisture content	Max. 1.0 %	IS 33 1992
Residue on sieve (45 µm)	Max. 0.5%	IS 33 1992
Water soluble salts	Max. 1.0%	IS 33 1992
Conductivity	Max. 500 µS	IS 33 1992

Applications

Alkyd / Stoving	●
Industrial	●
Coil Coating	○
Automotive / Refinish / Road Marking	-
Powder Coating	●

- - Major use
○ - Potential use

Fastness Properties

Parameter	Values	Method
Heat Stability (5 min)	220°C - 240° C	VX/FP/002
Acid resistance (1 - 5)	3	IS 2932
Alkali resistance (1 - 5)	1	IS 2932
Light Fastness (1 - 8)		
Full shade	5-6	IS 33 1992
Weather Fastness (1 - 5)		
Full shade	3-4	ISO 11341
Resistance to Sulphur dioxide (1 - 5)	2	ISO-3231

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