

NL-R310 - Coating

Technical Data Sheet

Product Description

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

Mass Tone

Tint Tone: 1:10



Physical Properties

Parameter	Values	Method
Specific gravity	5.3 gm/cm ³	IS 33 1992
Oil absorption	24 g/100 g (±5 g)	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
Soluble Pb - content	Max. 1.0 %	IS 3711

Structural Formula



Fastness Properties

Parameter	Values	Method
Heat stability (5 min)	230°C - 250°C	VX/FP/002
Acid resistance (1 - 5)	4	IS 2932
Alkali resistance (1 - 5)	4	IS 2932
Light fastness (1 - 8)		
Full shade	6 - 7	IS 33 1992
Weather fastness (1 - 5)		
Full shade	3 - 4	ISO 11341
Resistance to sulphur dioxide (1 - 5)	4	ISO-3231

Applications

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

● - Major use

○ - Potential use

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