

NL-R530 - Coating

Technical Data Sheet

Product Description

Colour Index Name	Pigment Yellow 34
Colour Index No.	77600
CAS Number	1344-37-2
Chemical Name	Lead Chromate/Middle Chrome

Mass Tone

Tint Tone: 1:10



Physical Properties

Parameter	Values	Method
Specific gravity	5.4 gm/cm ³	IS 33 1992
Oil absorption	26 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)	260°C - 270°C	VX/FP/002
Acid resistance (1 - 5)	4	IS 2932
Alkali resistance (1 - 5)	4	IS 2932
Light fastness (1 - 8)		
Full shade	7 - 8	IS 33 1992
Weather fastness (1 - 5)		
Full shade	4 - 5	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

NILICHEM is a registered trademark of Nilgoon Pigment Co. The product details and application guidelines provided are based on our extensive research and technological advancements. While these insights reflect our current understanding, they are not legally binding. It is the processing company's responsibility to ensure each product's suitability for their specific applications. As the use of our products is beyond our control, we cannot accept liability for their performance in particular applications.

Company Name: Nilgoon Pigment Co. (NILI CHEM)

Address: Sharif University Science & Technology Park, Tehran, Iran

Website: www.nilrang.com

Email: info@nilrang.com

Phone: +98 21- 66064604



2025 January