

Technical Data Sheet

Iron Oxide Yellow



FINELAND CHEM
泛成化工

General Information

Color Index	Pigment Yellow 42 (C.I. 77492)
Product Code	DuraPaint®6313
CAS NO.	51274-00-1
EC No.	257-098-5
Chemical Formula	α -Fe ₂ O ₃

Physical Properties

Contents Fe ₂ O ₃ (%)	≥75
Oil Absorption (g/100g)	35-45
Res.on 325 mesh(%)	≤0.3
Water soluble matter(%)	≤1.0
Moisture(%)	≤1.5
PH Value	6-8
Bulk density(g/cm ³)	4.1

Fastness Properties

Heat Resistance (°C):	180	Alkali Resistance (1-5):	4
Light Resistance (Full Shade, 1-8):	8	Migration Resistance(1-5)	5
Light (Reduced tinting, 1-8)	8	Ethyl Acetate (1-5)	4
Weather Resistance (1-5):	5	Ethanol (1-5)	4
Acid Resistance (1-5):	4	MEK (1-5)	4

Application & Performance

Recommended for Building materials, concrete, bricks, paints & coatings, fertilizers, plastics and rubber polymers, fiber cement, paper, mortar, wood plastic composites, paving tiles, industrial coatings, roof tiles, ceramic products.

Note

Fineland Chem offers innovative pigment technologies designed for long-lasting performance and consistent quality in industrial use. Product data is based on current knowledge and for reference only. Users should verify suitability; no liability is assumed for specific applications.

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