

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	$\alpha\text{-Fe}_2\text{O}_3$

Physical Properties

Contents Fe_2O_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

*Product specific and application information are based upon our current knowledge. They are non-binding and cannot be taken as guarantee. Users must establish the suitability of individual products. We do not accept any liability relating to the use of our products in particular applications.

Date of issue: Sep. 1st, 2024

TDS Version: 2.1