

Technical Data Sheet

Iron Oxide Yellow



FINELAND CHEM
泛成化工

General Information

Color Index	Iron Oxide Yellow (C.I. 77492)
Product Code	DuraPaint®920M
CAS NO.	51274-00-1
EC No.	257-098-5
Chemical Formula	α -FeOOH

Physical Properties

Contents Fe ₂ O ₃ (%)	≥86
Oil Absorption (g/100g)	25~35
Res.on 325 mesh(%)	≤0.1
Water soluble matter(%)	≤0.5
Moisture(%)	≤1.0
PH Value	5~7
Bulk density(g/cm ³)	0.4
Particle Size(μm)	0.4~0.6

Fastness Properties

Heat Resistance (°C):	170-180	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.

Date of issue: Sep. 1st, 2024

TDS Version: 2.1