

Technical Data Sheet

Pigment Red 3



FINELAND CHEM
泛成化工

General Information

Color Index	Pigment Red 3 (C.I. 12120)
Product Code	DuraPaint®6503H
CAS NO.	2425-85-6
EC No.	219-372-2
Chemical Formula	C ₁₇ H ₁₃ N ₈ O ₈

Physical Properties

Density (g/cm ³)	1.34-1.52
Specific Surface Area(m ² /g)	8-25
Oil Absorption (g/100g)	35-50
PH Value	5-8
Moisture Content (%)	≤2
Total impurities(ppm)	≤600

Fastness Properties

Heat Resistance (°C)	160	Alkali Resistance (1-5)	5
Light Resistance (Full Shade, 1-8)	5-6	Migration Resistance(1-5)	4
Light (Reduced tinting, 1-8)	5	Ethyl Acetate (1-5)	3
Weather Resistance (1-5)	3-4	Ethanol (1-5)	3
Acid Resistance (1-5)	5	MEK (1-5)	2-3

Application & Performance

Recommended for Industrial paint, Decorative water/solvent-base paint etc.

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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