

Technical Data Sheet

Pigment Red 81



FINELAND CHEM
泛成化工

General Information

Color Index	Pigment Red 81 (C.I. 45160)
Product Code	DuraPrint®6581C
CAS NO.	12224-98-5
EC No.	235-424-7
Chemical Formula	C ₂₈ H ₃₁ N ₂ O ₃

Physical Properties

Density (g/cm ³)	1.55-1.85
Specific Surface Area(m ² /g)	25-60
Oil Absorption (g/100g)	40-50
PH Value	6-9
Moisture Content(%)	≤2.5
Total impurities(ppm)	≤600

Fastness Properties

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

Application & Performance

Recommended for Water-based ink and Solvent-based ink.

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