

Technical Data Sheet

Pigment Red 81



FINELAND CHEM
泛成化工

General Information

Color Index	Pigment Red 81 (C.I. 45160)
Product Code	6581
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)	45-50
PH Value	6.5-7.5
Bulk Density (lb/gal)	10.4-12.5
Total impurities(ppm)	≦ 600

Fastness Properties

Heat Resistance (°C)	160	Alkali Resistance (1-5)	4
Light Resistance (Full Shade, 1-8)	7-8	Migration Resistance(1-5)	5
Light (Reduced tinting, 1-8)	6-7	Ethyl Acetate (1-5)	3
Weather Resistance (1-5)	4	Ethanol (1-5)	4
Acid Resistance (1-5)	4	MEK (1-5)	2

Application & Performance

Recommended for water-based Ink, It's a bright bluish red lake pigment, higher color strength than 6581C, also better performance.

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.

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