

Technical Data Sheet

Pigment Yellow 180



FINELAND CHEM
泛成化工

General Information

Color Index	Pigment Yellow 180 (C.I. 21290)
Product Code	DuraPrint®3180J
CAS NO.	77804-81-0
EC No.	278-770-4
Chemical Formula	C ₃₆ H ₃₂ N ₁₀ O ₈

Physical Properties

Density (g/cm ³)	1.42
Specific Surface Area(m ² /g)	24
Oil Absorption (g/100g)	25-35
PH Value	5-8
Bulk Density (lb/gal)	10-15
Total impurities(ppm)	≤600

Fastness Properties

Heat Resistance (°C):	290	Alkali Resistance (1-5):	5
Light Resistance (Full Shade, 1-8):	7-8	Migration Resistance(1-5)	5
Light (Reduced tinting, 1-8)	7	Ethanol (1-5)	5
Weather Resistance (1-5):	5	Ethyl Acetate (1-5)	5
Acid Resistance (1-5):	5	MEK (1-5)	4

Application & Performance

Recommended for Industrial, Architectural and Automotive coatings, Packaging printing inks and Digital inkjet inks.

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

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