

Technical Data Sheet

Pigment Yellow 81



FINELAND CHEM
泛成化工

General Information

Color Index	Pigment Yellow 81 (C.I. 21127)
Product Code	DuraPlast®3181-1
CAS NO.	22094-93-5
EC No.	224-776-0
Chemical Formula	C ₃₆ H ₃₂ Cl ₄ N ₆ O ₄

Physical Properties

Density (g/cm ³)	1.40-1.55
Specific Surface Area(m ² /g)	20-30
Oil Absorption (g/100g)	35-45
PH Value	6.5-7.5
Bulk Density (lb/gal)	11.0-12.5
Total impurities(ppm)	≤600

Fastness Properties

Heat Resistance (°C)	240	Alkali Resistance (1-5)	5
Light Resistance (Full Shade, 1-8)	7	Migration Resistance(1-5)	5
Light (Reduced tinting, 1-8)	6	Ethyl Acetate (1-5)	4
Weather Resistance (1-5)	5	Ethanol (1-5)	5
Acid Resistance (1-5)	5	MEK (1-5)	4

Application & Performance

Recommended for plastic, good heat resistance and solvent resistance. It can also be used for coloring acetate fiber raw paste and pigment printing paste.

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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