

Technical Data Sheet

Pigment Yellow 81



FINELAND CHEM
泛成化工

General Information

Color Index	Pigment Yellow 81 (C.I. 21127)
Product Code	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)	35-71
PH Value	5.0-7.5
Bulk Density (lb/gal)	11.0-12.5
Total impurities(ppm)	≦ 600

Fastness Properties

Heat Resistance (°C)	180	Alkali Resistance (1-5)	5
Light Resistance (Full Shade, 1-8)	6-7	Migration Resistance(1-5)	5
Light (Reduced tinting, 1-8)	5-6	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 and solvent resistance. It can also be used for coloring acetate fiber raw paste and pigment printing paste

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.

Date of issue Sep 1st, 2024

TDS Version 2.1