

Technical Data Sheet

Pigment Yellow 180



FINELAND CHEM
泛成化工

General Information

Color Index	Pigment Yellow 180 (C.I. 21290)
Product Code	DuraPlast®3180-1
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)	35-45
PH Value	6-7
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)	6-7	Ethyl Acetate (1-5)	5
Weather Resistance (1-5)	5	Ethanol (1-5)	5
Acid Resistance (1-5)	5	MEK (1-5)	4

Application & Performance

Recommended for Plastic, PO, PVC (PVC & PVC Leather cloth), EVA, ABS, Spun Fiber-PP.

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

Hangzhou Fancheng Chemical Co., Ltd.
Add: NO.776, JianSheYi Road, XiaoShan, HangZhou, ZheJiang, China.
Tel: +86-571-83531793
Web: www.finelandchem.com

Fineland Chem Co., Ltd.
Add: Room 09 27/F, Ho King Commercial Centre, 2-16 Fa Yuen Street, Mongkok, K1, HK.