

# 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 <sub>36</sub> H <sub>32</sub> N <sub>10</sub> O <sub>8</sub>

### Physical Properties

Density (g/cm <sup>3</sup> )	1.42
Specific Surface Area(m <sup>2</sup> /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

\*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. 1<sup>st</sup>, 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.