

# Technical Data Sheet

## Pigment Yellow 181



FINELAND CHEM  
泛成化工

### General Information

Color Index	Pigment Yellow 181 (C.I. 11777)
Product Code	DuraPlast®31181
CAS NO.	74441-05-7
EC No.	277-873-1
Chemical Formula	C <sub>25</sub> H <sub>21</sub> N <sub>7</sub> O <sub>5</sub>

### Physical Properties

Density (g/cm <sup>3</sup> )	1.48
Specific Surface Area(m <sup>2</sup> /g)	28
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)	300	Alkali Resistance (1-5)	5
Light Resistance (Full Shade, 1-8)	7-8	Migration Resistance(1-5)	5
Light (Reduced tinting, 1-8)	7	Ethyl Acetate (1-5)	5
Weather Resistance (1-5)	4-5	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, Spun Fiber-PP, ABS, PS.

### 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. 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.