

# Technical Data Sheet

## Pigment Red 81



FINELAND CHEM  
泛成化工

### General Information

Color Index	Pigment Red 81 (C.I. 45160)
Product Code	DuraPrint®6581
CAS NO.	12224-98-5
EC No.	235-424-7
Chemical Formula	C <sub>28</sub> H <sub>31</sub> N <sub>2</sub> O <sub>3</sub>

### Physical Properties

Density (g/cm <sup>3</sup> )	1.55-1.85
Specific Surface Area(m <sup>2</sup> /g)	25-60
Oil Absorption (g/100g)	40-50
PH Value	6-9
Moisture Content(%)	≤2.5
Total impurities(ppm)	≤600

### Fastness Properties

Heat Resistance (°C)	160	Alkali Resistance (1-5)	4
Light Resistance (Full Shade, 1-8)	5-6	Migration Resistance(1-5)	3-4
Light (Reduced tinting, 1-8)	5	Ethyl Acetate (1-5)	3
Weather Resistance (1-5)	3	Ethanol (1-5)	3
Acid Resistance (1-5)	4	MEK (1-5)	2

### Application & Performance

Recommended for Water-based ink and Solvent-based ink.

### 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.

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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, Mongkoko, Kowloon, HK