

# Technical Data Sheet

## Pigment Red 48:1



FINELAND CHEM  
泛成化工

### General Information

Color Index	Pigment Red 48:1 (C.I. 15865:1)
Product Code	DuraPrint®S6581-2
CAS NO.	7585-41-3
EC No.	231-494-8
Chemical Formula	C <sub>18</sub> H <sub>11</sub> ClN <sub>2</sub> O <sub>4</sub> SB <sub>a</sub>

### Physical Properties

Density (g/cm <sup>3</sup> )	1.5-1.8
Specific Surface Area(m <sup>2</sup> /g)	36-41
Oil Absorption (g/100g)	40-45
PH Value	6.5-8.5
Moisture Content (%)	≤2.0
Total impurities(ppm)	≤600

### Fastness Properties

Heat Resistance (°C):	180	Alkali Resistance (1-5):	4
Light Resistance (Full Shade, 1-8):	5	Migration Resistance (1-5)	4
Light (Reduced tinting, 1-8)	4	Ethanol (1-5)	4
Weather Resistance (1-5):	3	Ethyl Acetate (1-5)	3
Acid Resistance (1-5):	4	MEK (1-5)	3

### Application & Performance

Recommended for solvent-based ink, its the semi-transparent grade with yellowish tone.

### 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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