

# Technical Data Sheet

## Pigment Orange 16



FINELAND CHEM  
泛成化工

### General Information

Color Index	Pigment Orange 16 (C.I. 21160)
Product Code	DuraPaint®6216R-1
CAS NO.	6505-28-8
EC No.	229-388-1
Chemical Formula	C <sub>34</sub> H <sub>32</sub> N <sub>6</sub> O <sub>6</sub>

### Physical Properties

Density (g/cm <sup>3</sup> )	1.28-1.51
Specific Surface Area(m <sup>2</sup> /g)	35
Oil Absorption (g/100g)	35-45
PH Value	6.0-9.0
Moisture Content (%)	≤1.5
Total impurities(ppm)	≤600

### Fastness Properties

Heat Resistance (°C)	200	Alkali Resistance (1-5)	4
Light Resistance (Full Shade, 1-8)	5-6	Migration Resistance(1-5)	4
Light (Reduced tinting, 1-8)	5	Ethyl Acetate (1-5)	4
Weather Resistance (1-5)	3-4	Ethanol (1-5)	4
Acid Resistance (1-5)	4	MEK (1-5)	3

### Application & Performance

Recommended for Industrial paint, Decorative water/solvent-base paint, Printing inks, Textile printing pigment, also used in Plastic. Its the bright color with slight fluorescent effect. Its the reddish shade.

### 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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