

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®6216Y-1
CAS NO.	6505-28-8
EC No.	229-388-1
Chemical Formula	C ₃₄ H ₃₂ N ₆ O ₆

Physical Properties

Density (g/cm ³)	1.28-1.51
Specific Surface Area(m ² /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 yellowish 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.

Date of issue: Sep. 1st, 2024

TDS Version: 2.1

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