

Technical Data Sheet

Cerium Sulfide Orange



FINELAND CHEM
泛成化工

General Information

Color Index	Pigment Orange 78 (C.I. 772850)
Product Code	ColorCor®1278
CAS NO.	12014-93-6/12031-49-1
EC No.	-
Chemical Formula	Ce ₂ S ₃
Hue	Orange powder

Physical Properties

Density (g/cm ³)	3.5
Oil Absorption (g/100g)	20-30
Water soluble matter (%)	≤1.0
Mositure	≤1.0
PH Value	7-9
Sieve residue on 45 microns (%)	≤0.5
Primary particle size D50 (μm)	~1.5

Fastness Properties

Heat Resistance (°C)	<280	Alkali Resistance (1-5)	4
Light Resistance (Full Shade, 1-8)	8	Migration Resistance(1-5)	5
Light (Reduced tinting, 1-8)	8	Ethyl Acetate (1-5)	5
Weather Resistance (1-5)	5	Ethanol (1-5)	5
Acid Resistance (1-5)	3	MEK (1-5)	5

Application & Performance

Recommended for Plastic, PO, PVC (PVC & PVC Leather cloth), EVA, ABS, PS. Industrial paints, Coatings (Powder/Coil/Architectural) Exterior building products etc. It is an excellent substitute for heavy metal inorganic pigments such as Cadmium red.

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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