

Technical Data Sheet

Manganese Titanium Brown



FINELAND CHEM
泛成化工

General Information

Color Index	Pigment Yellow 164 (C.I. 77899)
Product Code	ColorCor®1164
CAS NO.	68412-38-4
EC No.	270-185-2
Chemical Formula	Ti-Mn-O
Hue	Black powder

Physical Properties

Density (g/cm ³)	5.2
Oil Absorption (g/100g)	18-28
Water soluble matter (%)	≤1.0
Mositure	≤1.0
PH Value	8-11
Sieve residue on 45 microns (%)	≤0.5
Primary particle size D50 (μm)	~2.0

Fastness Properties

Heat Resistance (°C)	<800	Alkali Resistance (1-5)	5
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)	5	MEK (1-5)	5

Application & Performance

Recommended for Plastic, PO, PVC (PVC & PVC Leather cloth), EVA, ABS, PS. Industrial paints, Coatings (Powder/Coil/Architectural), Fluorocarbon coating, Silicon coating, Heat resistance coating. Also for military industrial, thermal insulation and cooling coating with excellent infrared reflection curve.

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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