

Technical Data Sheet

Manganese Iron Brown



FINELAND CHEM
泛成化工

General Information

Color Index	Pigment Brown 43 (C.I. 77536)
Product Code	ColorCor®1243
CAS NO.	68186-94-7
EC No.	235-049-9
Chemical Formula	Mn-Fe-O
Hue	Brown powder

Physical Properties

Density (g/cm ³)	4.2
Oil Absorption (g/100g)	10-28
Water soluble matter (%)	≤1.0
Mositure	≤1.0
PH Value	6-9
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, Military camouflage coating etc. Exterior building products. Glass printing ink applications. Ceramic applications.

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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