

Technical Data Sheet

Manganese Titanium Brown



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

*Product specific and application information are based upon our current knowledge. They are non-binding and cannot be taken as guarantee. Users must establish the suitability of individual products. We do not accept any liability relating to the use of our products in particular applications.

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