



**FINELAND CHEM**  
泛成化工

# Technical Data Sheet

## Iron Chrome Brown

### General Information

Color Index	Pigment Brown 29 (C.I. 77500)
Product Code	ColorCor®1229
CAS NO.	12737-27-8
EC No.	215-540-4
Chemical Formula	Fe-Cr-O
Hue	Brown powder

### Physical Properties

Density (g/cm <sup>3</sup> )	5.1
Oil Absorption (g/100g)	12-22
Water soluble matter (%)	≤1.0
Moisture	≤1.0
PH Value	6-9
Sieve residue on 45 microns (%)	≤0.5
Primary particle size D50 (μm)	~20

### Fastness Properties

Heat Resistance (°C)	<1000	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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