

## Chromium Iron Oxide

<b>Color Type</b>	Brown pigment
<b>Color Index No.</b>	P.Br. 29
<b>CAS NO.</b>	12737-27-8
<b>Chemical Composition:</b>	Fe/Cr Oxide

### Description :

- High performance orange pigment.

Pigment Brown 29 is an environmentally friendly color mixed-phase inorganic pigment, also known as Iron Chrome Black or Iron Chrome Brown. This pigment is an opaque reddish brown-black color with excellent chemical resistance, outdoor durability, light resistance, and high temperature resistance. It is also environmentally friendly and non-toxic, with no bleeding or migration.

### Physical Properties :

Items	Data
Appearance	Brown powder
Water Soluble %	0.3 max.
Moisture Content %	0.2 max.
Oil Absorption (g/100g)	11-17
PH Value	6-9
Average Particle Size, $\mu\text{m}$	2.0 max.

Fastness Properties	Data
Heat Stability °C	1000 min
Light Fastness	8
Weather Resistance (1~5)	5
Acid Resistance (1~5)	5
Alkali Resistance (1~5)	5

### Applications :

Exterior coatings, fluorocarbon coatings, industrial coatings, aerospace and marine coatings, automotive coatings, decorative coatings, camouflage coatings, coil coatings, road marking paints, rock frescos coating, powder coatings, oil paints, water-based paints, light-resistance paints, weather-resistance paints, UV coatings, high-temperature paints, engineering plastics, master batch, technology glasses, colored glasses, glass lamps, architectural ceramics, ceramic works, engineering ceramics, industrial enamels, architectural enamelware, colored inks, watermark inks, concave-convex inks, colored sand, concrete and other building materials.

### Storage conditions :

Should be sealed for avoiding light and moisture.

### Package :

10KG/Kraft Bag

\*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.