



东凯实业
TONGCHEM

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Iron Oxide Brown 686

Product Data

Iron oxide Brown 686 is a blending iron oxide pigment, with both properties of iron oxide red and yellow. It is insoluble in water and diluted acids, resistant to acid, lime and alkaline as well as absolutely weather and light stable.

Specifications

Appearance: Brown pigment
Delivery Form: Powder
Chemical Formula: $(\text{FeO})_x \cdot (\text{Fe}_2\text{O}_3)_y \cdot (\text{H}_2\text{O})_z$
Color Index: Combination of 77491, 77492, 77499
CAS No. : 1317-61-9. 1309-37-1. 51274-00-1

Technical Data

Fe ₂ O ₃ content	88.0% min
Tinting strength	95-105%
Color Shade(ΔE)	1.0 max
Sieve Residue(0.045mm)	0.5% max
Moisture (After Production)	1.0% max
Oil absorption (g/100g)	15-35
pH value	4.0-7.0
Water soluble	0.5% max

Applications

Iron oxide Brown 686 has good opacity, high tinting strength, outstanding light fastness, strong absorption of ultraviolet light and fine dispersing, which make it widely used as colorant for cement products and paintings.

Main uses

- Coatings
- Construction
- Plastic
- Rubber

Packaging & storage

25kg/bag with pallet, wrapped and shrank, or 1100kg/ jumbo bags with pallet.

Keep it in cool, dry and clean conditions in its original packing, and avoiding direct sunshine. Opened sacks should be used promptly to avoid the moisture absorption.

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AUTHORIZED SIGNATURE

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