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## Iron Oxide Orange 960

### Product Data

**Iron oxide Orange 960** 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:	Orange pigment
Delivery Form:	Powder
Chemical Formula:	$(FeO)_x \cdot (Fe_2O_3)_y \cdot (H_2O)_z$
Color Index:	Combination of 77491, 77492
CAS No. :	1309-37-1, 51274-00-1

#### Technical Data

Fe <sub>2</sub> O <sub>3</sub> content	88.0% min
Tinting strength	95-105%
Color Shade(ΔE)	1.0 max
Sieve Residue(0.045mm)	0.3% max
Moisture (After Production)	1.0% max
Oil absorption (g/100g)	20-35
pH value	3.0-7.0
Water soluble	0.5% max

#### Applications

**Iron oxide Orange 960** 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 600kgs 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.

The above information are based on our current experience and offered merely for your reference. They do not release the consumer from making tests and determining the suitability for his own processes and applications. Tongchem makes no other warranties and assumes no liability, expressed or implied.

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