

IRON OXIDE BROWN 686

Product description

IRON OXIDE BROWN 686 is a fine powder in bright red color. It has excellent properties like strong light, heat, acid, and alkali resistance, as well as good anti-rust ability. With high tinting and covering power, it's widely used in construction, coatings, plastics, rubber and many other fields.

Properties

Molecular formula	$\text{Fe}_3\text{O}_4/\text{Fe}_2\text{O}_3/\text{FeOOH}$
Molecular weight	N.A.
Delivery form	Powder
Color Index	Combination of pigment red 101, yellow 42 and black 11
Cas. No.	51274-00-1, 1317-61-9, 1309-37-1

Typical properties

Content (Fe_2O_3) %	88 Min.
Water soluble substances %	0.5 Max.
Moisture at 105 °C %	1.5 Max.
Oil absorption [ml/100g]	20-30
Sieve residue 325mesh	0.3 Max.
Density [g/cm ³]	5.0
Color ΔE	1.0 Max.
Tinting strength %	95-105
pH value	3-7

These properties are typical but should not be considered specifications. For detailed specification rates please consult the product Certificate of Analysis.

Package and storage

IRON OXIDE BROWN 686 is packed in 25kg paper bag net. Supplied 40 Bags (1000kg) on pallets each. IRON OXIDE BROWN 686 is non-perishable powder. It is recommended to use the product in rotation on a first-in-first-out basis. The product should be stored in dry and clean conditions in its original packing and away from heat.