



SCAN ME

## PRODUCT DATASHEET

### PRODUCT:

Product Name:	TRANSPARENT IRON OXIDE BROWN
Product Code:	BR01

### Technical Data Sheet

## Transparent Iron Oxide Brown TransBr01

#### Product description

Color Index	P.R.101.P.BK.7
CAS NO	-----
Chemical Group	$\alpha$ -Fe <sub>2</sub> O <sub>3</sub> +C

#### Technical properties

TransBr01 is a transparent iron oxide brown pigment. It offers high transparency, excellent pigment color shade, color strength and dispersibility. It is light resistant and weather resistant with no toxicity and color migration. It is a natural UV absorber and can be used with organic transparent pigment.

#### Application

Recommend for automotive paints, automotive refinish paints, wood coatings, industrial paints, decorative paints, plastic, ink, anti-corrosive paints and protective paints.

#### Physical Data

Appearance	Brown Powder
$\Delta E$ (*l, a*, b*)	$\leq 1.0$
PH value	5-8
Oil Absorption	30-40%
Residue on 45 $\mu$ m mesh %:	$\leq 0.1$
Volatile matter at 105°C:	$\leq 3.0$
Water soluble matter %:	$\leq 0.5$

#### Fastness Properties(5=excellent,1=poor)

Ethanol Resistance	5
Butyl Acetate Resistance	5
Methyl ethyl ketone Resistance	5
Xylene Resistance	5
Acid HCl Resistance	5
Alkali NaOH Resistance	5
Heat Resistance(°C)	180
Fastness to over coating	5
Weather Resistance	5
Light Resistance	8

