



## HANGZHOU SUNGLOW CHEMICAL CO., LTD.

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### TECHNICAL DATA SHEET

#### Product Description:

Product Name:	Transparent Iron Oxide Yellow
Color Index:	Pigment Yellow 42
C.I.NO.:	77492
Chemical Nature:	alpha-FeOOH
CAS No.:	20344-49-4
Chemical Formulation:	Fe <sub>2</sub> O <sub>3</sub>

#### TRANSPARENT IRON OXIDE YELLOW



Full Shade



Reduced Shade

#### Physical Data:

Appearance	Yellow Powder
Density (g/cm <sup>3</sup> )	4.0
Moisture (%)	≤3.5
Water Soluble Matter (%)	≤0.5
Oil Absorption (g/100g)	35-45
Fineness (45μm mesh) %	≤0.1
PH Value	3.0-5.0

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

Bleeding Resistance	5
Migration Resistance	-
Light Fastness (8=excellent)	8
Heat Resistance °C	160
Acid Resistance	5
Alkali Resistance	5

#### Product Features:

Transparent Iron Oxide Yellow is nanograde iron oxide yellow pigment with excellent light fastness and weather fastness.

#### Recommended Application:

Wood coatings, Car coatings, plastic coatings, metal coatings, architectural coatings, artists' color, etc.