

TECHNICAL DATA SHEET

Iron Oxide Yellow

Appearance	Yellow Pigment
Delivery Form	Powder
Chemical Class	Synthetic iron oxide $\text{Fe}_2\text{O}_3 \cdot \text{H}_2\text{O}$ ($\gamma\text{-FeOOH}$)
Color Index	Pigment Yellow 42(77492)
CAS No.	20344-49-4 / 51274-00-1
Use Recommendation	Coatings, Construction, plastic, Rubber, etc

TECHNICAL DATA		
<u>Item</u>	<u>Specification</u>	<u>Test Method</u>
Color Shade (ΔE) max	1.0	ISO787-1
Tinting Strength %	95-105	ISO787-24
Fe_2O_3 [%] min	86.0	DIN 55913 Sheet 2
Water-Soluble Content [%] max	0.3	ISO787 - 3
Sieve Residue (0.045mm) [%] max	0.3	ISO787- 2
PH Value	3-7	ISO787 -9
Moisture (After Production) [%] max	1.0	ISO 787 -2
Oil Absorption approx%	25-35	ISO 787-5
Bulk Density (g/cm ³)	0.4-0.6	ISO787-11
Specific gravity(g/cm ³)	4.60	ISO787-10

PACKAGING	25kg/bag.600kgs jumbo bags with pallet, wrapped and shrinking
Loading Quantity:	12.14mt in a 20'ft container

TRANSPORT AND STORAGE: Protect against weathering / Store in a dry place

SAFETY: The product is not classified as hazardous under EC 1907/2006 & EC 1272/2008