

**DEQING TO****TONGCHEM INDUSTRY****TECHNICAL DATA SHEET**

Iron Oxide Yellow

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

TECHNICAL DATA		
Item	Specification	Test Method
Color Shade (ΔE) max	1.0	-----
Tinting Strength %	95-105	-----
Water-Soluble Content [%] max	0.3	DIN EN ISO787 Part 3 (1995)
Sieve Residue (0.045mm) [%] max	0.3	DIN EN ISO787 Part 2 (1995)
Fe_2O_3 [%] min	86.0 min	DIN 55913 Sheet 2 (1972)
PH Value	3-7	DIN EN ISO787 Part 9 (1995)
Moisture (After Production) [%] max	1.0	DIN EN ISO 787 Part 2 (1995)
Oil Absorption approx%	25-35	DIN ISO 787-5

STANDARD PACKAGING	20kgs/ 25kg/bag with pallet, wrapped and shrunked 600kgs jumbo bags with pallet
TRANSPORT AND STORAGE	Protect against weathering. Store in a dry place and avoid extreme fluctuations in temperature. Special conditions for opened packaging: Close bags after use to prevent the absorption of moisture and contamination.
SAFETY	The product is not classified as dangerous under the relevant EC directives and corresponding national regulations valid in the individual EU member states. It is not dangerous according to transport regulations. In countries outside the EU, compliance with the respective national legislation concerning the classification, packaging, labeling and transport of dangerous substances must be ensured. The information contained in the safety data sheet should be observed. This contains information on handling, product safety and ecology.

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