

**DEQING TO****TONGCHEM INDUSTRY****TECHNICAL DATA SHEET****Iron Oxide Yellow**

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

| <b>TECHNICAL DATA</b>               |                      |                              |
|-------------------------------------|----------------------|------------------------------|
| <b>Item</b>                         | <b>Specification</b> | <b>Test Method</b>           |
| Color Shade ( $\Delta E$ ) 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)  |
| $\text{Fe}_2\text{O}_3$ [%] 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                |

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| <b>STANDARD PACKAGING</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 20kgs/ 25kg/bag with pallet, wrapped and shrinked<br>600kgs jumbo bags with pallet |
| <b>TRANSPORT AND STORAGE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                    |
| 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.                                                                                                                                                                                                                                                                                                                                    |                                                                                    |
| <b>SAFETY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                    |
| 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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