

TECHNICAL DATA SHEET

Iron Oxide Pigment



Iron Oxide Yellow S313

Edition of	2016-12-16
Type	Yellow pigment
Delivery Form	Granular Pigment
Chemical Class	Synthetic iron oxide
Color Index	Pigment Yellow 72(77492)
CAS No.	20344-49-4
Use Recommendation	Construction Industry

COLOR VALUES AND TINTING STRENGTH

Reference	Min	Max	Standard
			Test Method
Relative tinting strength [%]	95	105	DIN 6174

TECHNICAL DATA

	Min	Max	Test Method
Water-Soluble Content [%]		4.0	DIN ISO787 Part 3
PH Value	4	7	DIN ISO787 Part 9
Fe ₂ O ₃ [%]	83.0		DIN 55913 Sheet 2
SiO ₂ +Al ₂ O ₃ Content [%]		0.6	DIN 55913
Moisture (After Production) [%]		1.0	DIN ISO 787 Part 2
Particle Size 0.2—1.0(mm),%	80.0		

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	Approx.	
Water Absorption [g/100g]	40	DIN ISO 787-5
Density [g/ml]	4.0	DIN ISO787-10

STANDARD PACKAGING 25kg/bag

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.

This information is given in good faith, without warranty. It is also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General conditions of sale and delivery.

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