

TECHNICAL DATA SHEET				
Trade Name	IRON OXIDE ORANGE			
REACH	Registration No.01-2119457614-35-0043,01-2119457554-33-0014			
Chemical Name	Synthetic iron oxide			
Delivery form	Powder			
CAS No.	1309-37-1,20344-49-4/215-168-2,243-746-4			
Specifications	Contents($\text{Fe}_2\text{O}_3 \cdot n\text{H}_2\text{O}$)	%	≥ 88	ISO1248
	Oil Absorption	ml/100g	23-35	ISO787-5
	Res.on 325 mesh	%	≤ 0.3	ISO787-7
	Water soluble salts	%	≤ 0.3	ISO787-3
	Moisture	%	≤ 1.0	ISO787-2
	PH value		4-7	ISO787-9
	Bulk Density	g/cm^3	0.4-0.6	ISO787-11
	Specific gravity	g/cm^3	4.5	ISO787-10
	Tinting Strength	%	95~105	ISO787-24
	Dispersibility(Hegman)	μm		ISO787-20
	Particle Size	μm		
	Color Difference ΔE		≤ 1.0	ISO787-1
Sales Packing	In 25kg paper bag/1000kg bulk bag then palletized			
Transport &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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