

TECHNICAL DATA SHEET

Edition of: 2020-08-18

Trade Name	IRON OXIDE PIGMENT YELLOW			
Type	311/313/920			
REACH	Registration No.05-2119457554-33-0014			
Chemical Name	Iron hydroxide oxide(α -FeOOH)			
Delivery form	Powder			
CAS No.	20344-49-4/243-746-4			
Specifications	Contents(Fe ₂ O ₃ .nH ₂ O)	%	≥86	ISO1248
	Oil Absorption	ml/100g	25-35	ISO787-5
	Res.on 325 mesh	%	≤0.3	ISO787-7
	Water soluble salts	%	≤0.3	ISO787-3
	Moisture	%	≤1	ISO787-2
	PH value		3~7	ISO787-9
	Bulk Density	g/cm ³	0.4-0.6	ISO787-11
	Specific gravity	g/cm ³	4.1	ISO787-10
	Tinting Strength	%	95~105	ISO787-24
	Dispersibility(Hegman)	μm	20/25/30	ISO787-20
	Particle Size	μm	0.1~0.6	
	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			
Safety	The product is not classified as hazardous under EC 1907/2006 & EC 1272/2008			