

HANGZHOU HANHAO CHEMICAL CO., LTD

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TECHNICAL DATA SHEET

Product Description:

Trade Name:	Iron Oxide Yellow
Type:	HH313
C.I.No.	Pigment Yellow 42 (77492)
CAS No.	51274-00-1
EC No.	257-098-5
Chemical Nature:	Iron hydroxide oxide
Chemical Formula	α -FeOOH

Physical Data:

Specifications	Contents (α -FeOOH)	%	≥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	%	≤1.0	ISO787-2
	pH value		4~7	ISO787-9
	Ignition loss (1,000o C, ½ h)	%	≤14	DIN55913
	Bulk density	g/cm3	0.4-0.6	ISO787-11
	Specific gravity	g/cm3	4.1	ISO787-10
	Particle size BET	μ m	0.1x0.6	Electron Micrographs
	Dispersibility (Hegman)	μ m	20/25/30	ISO787-20
	Tinting Strength (Compared with Standard)	%	95~105	ISO787-24
	Color Difference ΔE (Compared with Standard)		≤0.8	ISO787-1
Sales packing	In 25kg paper bag/600 kg 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			

Note: The above information is provided as guidelines for your reference only.
The accurate effects should base on the test results in laboratory.