浙江华源颜料股份有限公司

ZHEJIANG HUAYUAN PIGMENT CO., LTD.

TECHNICAL DATA

Edition of: 2018-01-01

Trade name	Iron oxide yellow			
Type	HY-920M			
REACH	Registration No. 01-2119457554-33-0014			
Chemical class	Iron hydroxide oxide (α-FeOOH)			
Delivery form	Powder			
Colour index	Pigment yellow 42 (77492)			
CAS No./EC No.	51274-00-1 / 257-098-5			
Specifications	Contents (Fe2O3)	%	≥86	ISO1248
	Oil absorption	g/100g	25~35	ISO787-5
	Res. on 325 mesh	%	≤0.1	ISO787-7
	Water soluble matter	%	≤0.5	ISO787-3
	Moisture	%	≤1.0	ISO787-2
	pH value		5~7	ISO787-9
	Ignition loss (1,000°C, ½ h)	%	≤14.0	DIN55913
	Bulk density	g/cm^3	0.15	ISO787-11
	Specific gravity	g/cm^3	4.1	ISO787-10
	Predominant particle size	μm	0.1x0.6	SEM
	Dispersibility (Hegman)	μm	15/20	ISO787-20
	Tinting Strength (Compared with Standard)	%	95~105	ISO787-24
	Color Difference △E (Compared with Standard)		≤1.0	ISO787-1
Sales packing	In 20kg paper 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			

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