升华集团德清华源颜料有限公司
SHENGHUA GROUP DEQING HUAYUAN PIGMENT CO., LTD.

TECHNICAL DATA

Trade name	**Iron oxide yellow**			
Type	313			
REACH	Registration No. 01-2119457554-33-0014			
Chemical name	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 (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		3~7	ISO787-9
	Ignition loss (1,000°C, ½ h)	%	≤14	DIN55913
	Bulk density	g/cm^3	0.4~0.6	ISO787-11
	Specific gravity	g/cm^3	4.1	ISO787-10
	Particle size BET	μm	0.1x0.6	Electron Micrographs
	Dispersibility (Hegman)	μm	20/25/30	ISO787-20
	Tinting Strength (Compared with Standard)	%	95~105	ISO787-24
	Color Difference ΔE (Compared with Standard)		≤1.0	ISO787-1
Sales packing	In 25kg paper bag/600kg 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			