



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



TECHNICAL DATA

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Trade name	Iron oxide red			
Type	DS160			
REACH	Registration No. 01-2119457614-35-0043			
Chemical name	Diiron trioxide (Fe ₂ O ₃ · α H ₂ O)			
Delivery form	Powder			
Colour index	Pigment red 101 (77491)			
CAS No./EC No.	1309-37-1/215-168-2			
Specifications	Contents (α-FeOOH)	%	≥96	ISO1248
	Oil absorption	ml/100g	15~25	ISO787-5
	Res. on 325 mesh	%	≤0.3	ISO787-7
	Water soluble salts	%	≤0.3	ISO787-3
	pH value		3.5~7	ISO787-9
	Ignition loss (1,000°C, ½ h)	%	≤1.0	DIN55913
	Specific gravity	g/cm ³	5.0	ISO787-10
	Tinting Strength (Compared with Standard)	%	≤1.0	ISO787-24
	Color Difference ΔE (Compared with Standard)		≤1.0	ISO787-1
	As	mg/kg	≤5.0	GFAAS
	Pb	mg/kg	≤15.0	GFAAS
	Cr	mg/kg	≤45.0	GFAAS
	Cd	mg/kg	≤3.0	GFAAS
	Hg	mg/kg	≤3.0	GFAAS
Ni	mg/kg	≤30.0	GFAAS	
Sales packing	In 25kg 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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