

**QINGDAO SANHUAN COLORCHEM CO., LTD.**

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## TECHNICAL DATA SHEET

Trade name	Iron oxide orange			
Type	2040			
Color	Orange			
Chemical name	Synthetic iron oxide			
Delivery form	Powder			
Colour index	Combination of Pigment red 101 and yellow 42			
CAS No./EC No.	1309-37-1, 20344-49-4/215-168-2, 243-746-4			
Specifications	Contents	%	≥88	ISO1248
	Oil absorption	ml/100g	23~35	ISO787-5
	Res. on 325 mesh	%	≤0.3	ISO787-7
	Water soluble salts	%	≤0.3	ISO787-3
	Moisture	%	≤1.0	ISO787-2
	pH value		3.5~7	ISO787-9
	Ignition loss (1,000°C, ½ h)	%		DIN55913
	Bulk density	g/cm <sup>3</sup>	0.4~0.6	ISO787-11
	Specific gravity	g/cm <sup>3</sup>	4.5	ISO787-10
	Particle size BET	µm	Irregular	Electron Micrographs
	Dispersibility (Hegman)	µm		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/700kg 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			