

TECHNICAL DATA

Trade name	Iron oxide orange			
Type	960			
REACH	Registration No. 01-2119457614-35-0043, 01-2119457554-33-0014			
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, 51274-00-1/215-168-2,257-098-5			
Specifications	Contents	%	≥88	ISO1248
	Oil absorption	ml/100g	20~30	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 ³	0.4~0.6	ISO787-11
	Specific gravity	g/cm ³	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			