



HUZHOU CHIMIQUE IMP. & EXP. CO., LTD.

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TECHNICAL DATA

Product name	Iron oxide black 318			
Chemical name	Triiron tetraoxide (Fe ₃ O ₄)			
Delivery form	Powder			
Color index	Pigment black 11 (77499)			
CAS No./EC No.	1317-61-9/215-277-5			
Specifications	Contents (Fe ₃ O ₄)	%	≥90	ISO1248
	Oil absorption	ml/100g	15~25	ISO787-5
	Res. on 325 mesh	%	≤0.5	ISO787-7
	Water soluble salts	%	≤0.5	ISO787-3
	Moisture	%	≤1.5	ISO787-2
	pH value		5~8	ISO787-9
	Ignition loss (1,000°C 1/2h)	%	≤5.0	DIN55913
	Bulk density	g/cm ³	0.8~1.2	ISO787-11
	Specific gravity	g/cm ³	4.6	ISO787-10
	Particle size BET	μm	0.15	Electron Micrographs
	Dispersibility (Hegman)	μm	20/30/40	ISO787-20
	Tinting Strength (Compared with Standard)	%	95~105	ISO787-24
	Color Difference ΔE (Compared with Standard)		≤0.8	ISO787-1
Sales packing	In 25kgs paper bag / 1050kg jumbo bag with palletized			
Transport & Storage	Protect against weathering / Store in a dry place			
Safety	The product is not classified as dangerous under 67/548/EC.			