

HANGZHOU HANHAO CHEMICAL CO., LTD

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TECHNICAL DATA SHEET

Product Description:

Trade Name:	Iron Oxide Black
Type:	HH318
C.I.No.	Pigment Black 11 (77499)
CAS No.	1317-61-9
EC No.	215-277-5
Chemical Nature:	Triiron tetraoxide
Chemical Formula	Fe ₃ O ₄

Physical Data:

Specifications	Contents (Fe ₃ O ₄)	%	≥94	ISO1248
	Oil absorption	ml/100g	25~35	ISO787-5
	Res. on 325 mesh	%	≤0.5	ISO787-7
	Water soluble salts	%	≤1.0	ISO787-3
	Moisture	%	≤1.5	ISO787-2
	pH value		4~7	ISO787-9
	Ignition loss (1,000o C, ½ h)	%	≤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	μ m	0.15	Electron Micrographs
	Dispersibility (Hegman)	μ m	20/30/40	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/1000 kg 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			

Note: The above information is provided as guidelines for your reference only.
The accurate effects should base on the test results in laboratory.