

# HANGZHOU HANHAO CHEMICAL CO., LTD

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## TECHNICAL DATA SHEET

### Product Description:

Trade Name:	Iron Oxide Black
Type:	HH740
C.I.No.	Pigment Black 11 (77499)
CAS No.	1317-61-9
EC No.	215-277-5
Chemical Nature:	Triiron tetraoxide
Chemical Formula	Fe <sub>3</sub> O <sub>4</sub>

### Physical Data:

Specifications	Contents (Fe <sub>3</sub> O <sub>4</sub> )	%	≥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 <sup>3</sup>	0.8-1.2	ISO787-11
	Specific gravity	g/cm <sup>3</sup>	4.8	ISO787-10
	Particle size BET	μ m	0.2	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
<b>Sales packing</b>	In 25kg paper bag/1000 kg bulk bag then palletized			
<b>Transport &amp; Storage</b>	Protect against weathering / Store in a dry place			
<b>Safety</b>	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.