

# HANGZHOU HANHAO CHEMICAL CO., LTD

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## TECHNICAL DATA SHEET

### Product Description:

Trade Name:	Iron Oxide Brown
Type:	HH655
C.I.No.	Combination of Pigment Red 101, yellow 42 and black 11
CAS No.	1309-37-1,51274-00-1, 1317-61-9
EC No.	215-168-2, 257-098-5, 215-277-5
Chemical Nature:	Synthetic iron oxide

### Physical Data:

Specifications	Contents	%	≥95	ISO1248
	Oil absorption	ml/100g	20~30	ISO787-5
	Res. on 325 mesh	%	≤0.3	ISO787-7
	Water soluble salts	%	≤0.8	ISO787-3
	Moisture	%	≤1.5	ISO787-2
	pH value		4~7	ISO787-9
	Ignition loss (1,000o C, ½ h)	%		DIN55913
	Bulk density	g/cm3	0.6-0.9	ISO787-11
	Specific gravity	g/cm3	4.7	ISO787-10
	Particle size BET	μ m	Irregular	Electron Micrographs
	Dispersibility (Hegman)	μ m		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/900 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.