



Technical Data

Compound Ferric Green

Compound Ferric Green from Cathay Industries is a composited pigment mixed by iron oxide yellow, organic pigment and some kinds of additives. It is used for coating and painting, paper, construction due to bright color and strong tinting strength.

As with all Cathay Industries products the Compound Ferric Green is produced to strict quality tolerances. Our products yield reliable performance properties which offer outstanding light fastness, opacity, chemical resistance, heat stability and compatibility.

PRODUCT NAME	FERROTINT IRON OXIDE GREEN
PRODUCT CODE	F18, F18B, F18C
CHEMICAL FORMULA	FeOOH , $\text{C}_{23}\text{H}_{16}\text{CuN}_8$, CaCO_3
CAS NUMBER	20344-49-4, 147-14-8, 471-34-1

	UNIT	SPECIFICATION	TEST METHOD
pH		6.0-8.0	ISO787-9
Moisture and other volatile matter at 105 °C	%	≤1.0	ISO787-2
Oil Absorption	g/100g Approx	25-35	ISO787-5
Loss of Ignition at 1000 °C	%	≤50	DIN55913
45 Micon Retain	%	≤0.5	ISO787-7
Water Soluble Salt	%	≤2.5	ISO787-3
Particle Shape		Irregular	
Tinting Strength vs Standard		100%+/-2.5%	ISO8781-1
Colour Difference vs Standard			ISO7724-2
dE		0.75	
dL		+/- 0.60	
da		+/- 0.50	
db		+/- 0.50	