

CATHAYCOAT™ SPECIALTY PIGMENT

Colors Represent Mass Tone and Tint Tone (Reduction with TiO₂ 1:4)



ZINC FERRITE

	ZF15	ZF25
MASS TONE		
TINT TONE		

MANGANESE FERRITE

	F9900M
MASS TONE	
TINT TONE	

CHROME OXIDE GREEN

	GA74	GA76	GA78	GA74M	GA76M	GA78M
MASS TONE						
TINT TONE						

Typical Physical Properties (Specialty Pigment)

Product Code	Pigment Index	Chemical Composition	Purity, % (as Fe ₂ O ₃ or Cr ₂ O ₃)	Oil Absorption (g/100g)	Density (g/cm ³)	Sieve Residue on 325 mesh (%)	Water Soluble Salts (%)	pH	Moisture (%)	Hegman	Particle Shape	DE	Tinting Strength (%)
Test Method			BS1014	ISO 787-5	ISO 787-10	ISO 787-7	ISO 787-3	ISO 787-9	ISO 787-2	ASTM D1210	Electron Micrograph	ISO 7724-2	ISO 8781-1

ZINC FERRITE

ZF15	PY 119	ZnO • Fe ₂ O ₃	65+	15-25	5.0	≤0.1	≤0.5	5-8	≤1	2.0+	Spherical	≤1	95-105
ZF25	PY 119	ZnO • Fe ₂ O ₃	65+	15-25	5.0	≤0.1	≤0.5	5-8	≤1	2.0+	Spherical	≤1	95-105

MANGANESE FERRITE

F9900M	PBk 33	(Fe,Mn) ₂ O ₃	65+	15-25	5.0	≤0.1	≤0.4	5-8	≤1	6.0+	Spherical	≤1	95-105
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CHROME OXIDE GREEN

GA74	PG 17	Cr ₂ O ₃	98.5+	15-25	5.2	≤0.1	≤0.3	5-8	≤1	---	Spherical	≤1	95-105
GA76	PG 17	Cr ₂ O ₃	98.5+	15-25	5.2	≤0.1	≤0.3	5-8	≤1	---	Spherical	≤1	95-105
GA78	PG 17	Cr ₂ O ₃	98.5+	15-25	5.2	≤0.1	≤0.3	5-8	≤1	---	Spherical	≤1	95-105
GA74M	PG 17	Cr ₂ O ₃	98.5+	15-25	5.2	≤0.01	≤0.3	5-8	≤1	6.0+	Spherical	≤1	95-105
GA76M	PG 17	Cr ₂ O ₃	98.5+	15-25	5.2	≤0.01	≤0.3	5-8	≤1	6.0+	Spherical	≤1	95-105
GA78M	PG 17	Cr ₂ O ₃	98.5+	15-25	5.2	≤0.01	≤0.3	5-8	≤1	6.0+	Spherical	≤1	95-105

The color chips represented here are as accurate as the printing process will allow, it may be slightly different from actual shades. This is for your reference ONLY. Please pay attention to the samples we send to you.