

Chrome Oxide Green

Key Attributes	Basic Chemical Composition		Cr ₂ O ₃		Dispersibility		Excellent	Solvent Fastness		Excellent
	Color Index		C.I. 77288 (PG 17)		Hiding Power			Light Fastness		
	Heat Fastness		800°C , 5 min		Acid Fastness			Weather Resistance Cement Compatibility		
					Alkali Fastness					
Product Name	Color Shade		Tinting Strength	Color Tolerance, ΔE		Moisture Content (%)	Soluble Salts Content (%) ASTM D2448	Sieve Residue, 45 um (%) ASTM D185	Oil absorption (g/100g) ASTM D281	
				Full Shade	Reduced Shade ⁽¹⁾					
FC - GN	Yellowish	Lighter	100±5%	< 1. 2 ⁽²⁾	< 1. 2 ⁽²⁾	< 0. 3	< 0 . 4	< 0. 3	15 - 25	
FC - DG	Bluish	Darker	100±5%	<1. 2 ⁽²⁾	< 1. 2 ⁽²⁾	< 0. 3	< 0 . 4	< 0. 3	15 - 25	
FC - GNM	Yellowish	Lighter	100±5%	< 1. 2 ⁽²⁾	< 1. 2 ⁽²⁾	< 1. 0	< 0 . 4	< 0. 1	15 - 25	
FC - DGM	Bluish	Darker	100±5%	<1. 2 ⁽²⁾	< 1. 2 ⁽²⁾	< 1. 0	< 0 . 4	< 0. 1	15 - 25	

(1) Reduced Shade Refers to 1:5 TiO_2 ratio

(2) Color control of FC - GN/DG/GNM/DGM is done in coatings (solvent based alkyd resin) according to Fonic Colour testing methoda CF-12.

S.No	Charactersistics	Units	Results
	Chemical Properties		
1	Purity as Cr_2O_3 ,	Wt %	99.30
2	Soluble Chromium	Wt %	0.001
3	Soluble Salts	Wt %	0.16
	Physical Properties		
4	Loss of ignition at 900 deg C	Wt %	0.18
5	Moisture content	Wt %	0.07
6	Powder Color Values		
	L*		47.20
	a*		-13.35
	b*		10.96

Disclaimer for commercial products

Fonic Colour can only guarantee those certified parameters in the Specification Data Sheet of our products.

Fonic Colour is not responsible for any misuse and/or inappropriate handling or storing conditions that may act to the detriment of certified specifications of our products or pose a risk to human health or environment.

Due to the fact that there are multitude of formulations, manufacturing processes and end uses, Fonic Colour strongly recommends that customers perform previous tests under their own testing program and carry out appropriate verifications in order to determine the ultimate suitability of our products and observe existing laws and legislation.