

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		
					Alkali fastness			Cement compatibility		
Product Name	Color shade		Tinting Strength	Color Tolerance, ΔE		Moisture Content (%)	Soluble Salts content (%) ASTM D2448	Sieve Residue, 45 μm (%) ASTM D185	Oil absorption (g/100g) ASTM D281	
				Full Shade	Reduced Shade ⁽¹⁾					
ZL-GN	Yellowish	Lighter	100 ± 5%	< 1.2 ⁽²⁾	< 1.2 ⁽²⁾	< 0.3	< 0.4	< 0.3	15-25	
ZL-DG	Bluish	Darker	100 ± 5%	< 1.2 ⁽²⁾	< 1.2 ⁽²⁾	< 0.3	< 0.4	< 0.3	15-25	
ZL-GNM	Yellowish	Lighter	100 ± 5%	< 1.2 ⁽²⁾	< 1.2 ⁽²⁾	< 1.0	< 0.4	< 0.1	15-25	
ZL-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 TiO₂ ratio

(2) Color control of ZL-GN/DG/GNM/DGM is done in coatings (solvent based alkyd resin) according to Zhonglong testing methods CF-12.

Applications

> Plastics

- Injected molded parts
- Construction parts
- Tanks
- Pipes
- Agricultural and Farming
- Films

> Coatings

- Coil Coatings
- Architectural Paints
- Powder Coatings
- Floor Coatings
- Heavy Duty Coatings
- Paints for camouflage (military application)

> Other applications

- Brake linings (Cars)
- Metallurgy (Aluminothermy)
- Polishing pastes
- Ceramic colors
- Magnetic materials of audio and videotapes



Zhonglong Materials Limited

info@zpigments.com

Disclaimer for commercial products

Zhonglong can only guarantee those certified parameters in the Specification Data Sheet of our products. Zhonglong 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, Zhonglong 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.

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