

Product information

SGE-4

edition of: 2004-02-20

Type	Pigment Green
Delivery form	Powder
Chemical class	Green Chrome Cr ₂ O ₃
Color index	Pigment green17 (77288)
CAS No.	1308-38-9

Specification

Color values and tinting strength

Reference	Green Chrome SGE-4	Powder standard 0455/99	
	<u>min</u>	<u>max</u>	<u>Test method</u>
Full shade			ASTM D-263
Δ L*	-0.7	0.7	
Δ a*	-0.7	0.7	
Δ b*	-0.7	0.7	
Δ E*ab		1.0	
Reduced shade with titanium dioxide(1:5) TRONOX®R-KB-2			
Δ L*	-0.7	0.7	
Δ a*	-0.7	0.7	
Δ b*	-0.7	0.7	
Δ E*ab		1.0	
Relative tinting strength[%]	95%	105%	

Technical data

	<u>min</u>	<u>max</u>	<u>Test method</u>
Water-soluble content[%]		0.5	ASTM D 1208
Sieve residue(0.045mm)		0.1	ASTM D 1846
PH-Value	4.0	7.0	ASTM D 1208
Moisture content (After Production) [%]		0.2	ASTM D 280
Content Cr ₂ O ₃ [%]	98.5		ASTM D 126
Tamped density[g/100g]	1.0	1.3	ASTM B 527

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Informative technical data(standard value)

Particle Shape	spherical	
	approx.	Test method
Predominant Particle size [μm]	0.3	Electron Micrographs
Density[g/ml]	5.2	ASTM D153 C604
Oil absorption[g/100g]	15-25	ASTM D 28

Standard Packaging 50lb bag

Transport And Storage

Protect against weathering. Store in a dry place and avoid extreme fluctuations in temperature. Special conditions for opened packaging: Close bags after use to prevent the absorption of moisture and contamination.

Safety

The product is not classified as dangerous under the relevant EC directives and corresponding national regulations valid in the individual EU member states. It is not dangerous according to transport regulations.

In countries outside the EU, compliance with the respective national legislation concerning the classification, packaging, labeling and transport of dangerous substances must be ensured.

The information contained in the safety data sheet should be observed. This contains information on handling, product safety and ecology.

Safety data sheet No. 313126



YIPIN PIGMENTS

No.4839, jiasongbei Rd.
Shanghai china

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