



The Shepherd Color Company
We Brighten Lives

TECHNICAL DATA SHEET

TDS #463
Revision 0
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Green 10G655

C.I. Pigment Green 50
CAS # 68186-85-6

DESCRIPTION: A medium green powder produced by high temperature calcination. This pigment has good UV and visible opacity, is chemically inert, heat resistant, and stable to ultraviolet light. It is non-bleeding and non-migratory. It has exceptional durability and hiding power, and is generally used in applications where resistance to heat, light and weather are needed. It is compatible with most resin systems and polymers, and is non-warping. Typical applications (non inclusive) are liquid and powder coatings, inks, dispersions, plastics, concrete, and other applications where equivalent chemistry is used.

COMPOSITION: Cobalt, Nickel, Titanium, Zinc and Aluminum

Physical/Chemical Property	Typical Value	Units	Test Method+
Specific Gravity	5.4	n/a	SCTM 312
Loose Packing Density	4.2	lbs./gal	SCTM 194
	0.5	kg/L	
Surface Area (BET)	2.5	m ² /g	SCTM 153
Percent Moisture	0.3	wt. %	SCTM 248
Mean Particle Size	1	microns	SCTM 348
Conductivity	180	μS/cm	SCTM 142
Oil Absorption	11	parts oil/100 parts pigment	SCTM134
pH	6.6	n/a	SCTM 101
Residue 325 Mesh	0.01	wt. %	SCTM 135
Heat Stability	1,500	°F	Observed
	800	°C	

+SCTM refers to Shepherd Color Testing Method

Issued by: Brian Schwer-Technical Manager

Issue Date: November 2, 2015

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