

DCC GREEN 4427

Phthalo Green



Working Together for Quality®

SPECIFICATIONS AND PROPERTIES

Chemical Type ----- Copper Phthalocyanine Green
Colour Index Name ----- Pigment Green 7
CAS No. ----- 1328-53-6
Physical Form ----- Green Powder

SPECIFICATIONS:

	<u>LIMITS</u>	<u>TEST METHODS</u>
Masstone Shade -----	Max. Delta E* 2.0 of Std. -	DCC TM 4229 (1)
Tint Strength (apparent) --	+ 5% of Std. -----	DCC TM 4229 (1)

GENERAL DATA (TYPICAL VALUES):

Specific Gravity ----- 1.45 ----- ASTM D-153-84 Method C
Oil Absorption ----- 32 ----- ASTM D-281-84 (Fasig Method)
Moisture ----- 2% max. ----- ASTM D-280-81 Method A

(1) Test Methods available from DCC on request.

PROPERTIES:

BLEED RESISTANCE

Ethyl Acetate --- Excellent
Ethyl Alcohol --- Excellent
Cellosolve ----- Excellent
D.B.P. ----- Very Good
Glycol ----- Excellent
Linseed Oil ----- Excellent
MEK ----- Very Good
Mineral Spirits - Excellent
Water (cold) ---- Very Good
Wax (Paraffin) -- Excellent
Xylene ----- Excellent

CHEMICAL RESISTANCE

Dilute Acid ----- Excellent
Dilute Alkali ----- Excellent
Soap ----- Excellent

HEAT RESISTANCE

Heat Stable to 300°C+ (572°F+) in
H.D.P.E., 5-Minute Dwell Time,
1 : 20 TiO₂ Tint

LIGHTFASTNESS - INK (72 hr. F/O)

Full Strength --- Excellent
TiO₂ Tint (1:10) - Excellent

WEATHERFASTNESS - PAINT (W/O or Florida)

Full Strength ----- N/A
TiO₂ Tint (1:20) --- N/A

F/O = Fade-o-meter

W/O = Weather-o-meter

SPECIAL COMMENTS:

Shade & strength determinations are made with the aid of a MacBeth Colour Computer, under the following conditions: CIELAB, 10 degree observer, D65 light source, UV & gloss included.

TECHNICAL SERVICE LAB

APPROVAL: _____

QUALITY CONTROL LAB

APPROVAL: _____

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