

DCC GREEN 4407

Phthalo Green Pigment



Working Together for Quality®

SPECIFICATIONS AND PROPERTIES

DESCRIPTION

DCC Green 4407 is a copper phthalocyanine green pigment for use in high-end coatings applications. It has excellent performance properties including, colour strength, heat stability, weather fastness and chemical resistance.

Chemical Type/Common Name	Organic / Copper Phthalocyanine Green
Colour Index: Generic Name	Pigment Green 7
Colour Index: Constitution No.	74260
CAS Registry No.	1328-53-6
Chemical Name	Polychloro copper phthalocyanine

SPECIFICATIONS

Masstone Shade	Max. Delta E* 2.0 of Standard (DCC TM 1235A)
Tint Strength (apparent)	± 5% of Standard (DCC TM 1235A)
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.	

PHYSICAL PROPERTIES

Specific Gravity	1.39 (DCC TM 3101B)
Oil Absorption	56 (ASTM D-281-84- Fasig Method)
Moisture	1.0% max. (ASTM D-280-81)
Halogen Content	% Cl = 48%

PROPERTIES

Ethyl Acetate	Very Good	D.B.P.	Very Good
Glycol	Very Good	Ethyl Alcohol	Very Good
MEK	Very Good	Linseed oil	Excellent
Wax (Paraffin)	Excellent	Mineral Spirits	Excellent
Water	Very Good	Xylene	Excellent
Dilute Acid	Very Good	Dilute Alkali	Excellent
Over-paint bleed resistance	120°C/30 minutes - Excellent		
Heat Resistance:	200°C/10 minutes - Excellent		
Weatherfastness *) Full Strength	5	Weatherfastness *) TiO₂ Tint	5

*) Assessment was made using the ISO Grey Scale R105 A02 (1 = severe change, 5 = no change)

RECOMMENDED APPLICATIONS FOR COATINGS

Architectural Water & Universal	●	Coil Coatings	●
Architectural Solvent	●	Automotive Coatings	●
Industrial Fast Air Drying	●	Powder Coatings	●
Industrial Oven Cured	●		
● Recommended ■ Limited Use ○ Not Recommended			

WORLDWIDE INVENTORIES REGISTRATION STATUS

Australia (AICS)	Registered	Canada (DSL)	Registered	China (IECSC)	Registered
Europe (EINECS)	Registered	Japan (ENCS)	Registered	Philippines (PICCS)	Registered
USA (TSCA)	Registered	New Zealand (NZIoC)	Registered	South Korea (KECI)	Registered

TECHNICAL SERVICE LAB APPROVAL

QUALITY CONTROL LAB APPROVAL

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