

DCC YELLOW 7751

Green Shade Yellow Pigment



SPECIFICATIONS AND PROPERTIES

DESCRIPTION

DCC Yellow 7751 is a high-performance green shade yellow pigment for use in high-end coating applications. It can be used in all coatings but is recommended for the highest end coatings applications where very good weatherfastness and opacity is required. It has good gloss retention, tinctorial strength and enhanced outdoor durability.

Chemical Type/Common Name	Organic / Benzimidazolone Yellow
Colour Index: Generic Name	Pigment Yellow 151
Colour Index: Constitution No.	13980
CAS Registry No.	31837-42-0
Chemical Name	2-[[1-[[[(2,3-Dihydro-2-oxo-1H-benzimidazol-5-yl) amino] carbonyl]-2-oxopropyl]azo]benzoic acid

SPECIFICATIONS

Masstone Shade	Max. Delta E* 1.5 of Standard (DCC TM 1235A)
Tint Strength (apparent)	± 5% of Standard (DCC TM 1235A)

PHYSICAL PROPERTIES

Specific Gravity	1.53	(DCC TM 3101B)
Oil Absorption	34	(ASTM D-281-84- Fasig Method)
Moisture	≤1.0% max.	(ASTM D-280-81)
% Halogen Content	0	

PROPERTIES

Ethyl Acetate	Excellent	D.B.P.	Excellent
Glycol	Good	Ethyl Alcohol	Very Good
MEK	Excellent	Linseed oil	Excellent
Wax (Paraffin)	Excellent	Mineral Spirits	Excellent
Water	Excellent	Xylene	Excellent
Dilute Acid	Very Good	Dilute Alkali	Poor
Heat Resistance:	200°C/10 minutes - Excellent		
Over-paint bleed resistance	(120°C/30 minutes) - Excellent		
Weatherfastness *) Full Strength	5	Weatherfastness *) TiO₂ Tint	4-5

*) 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