

DCC Yellow GPC

Bright Green Shade Yellow Pigment



Working Together for Quality®

SPECIFICATIONS AND PROPERTIES

DESCRIPTION	
DCC Yellow GPC is a bright green shade yellow pigment used in Architectural water-based and general industrial paints. DCC Yellow GPC is the highest solvent resistance Hansa Yellow.	

Chemical Type/Common Name	Organic / Monoazo
Colour Index: Generic Name	Pigment Yellow 97
Colour Index: Constitution No.	11767
CAS Registry No. / EINECS No.	12225-18-2 / 235-427-3
Chemical Name	Butanamide, N-(4-chloro-2,5-dimethoxyphenyl)-2-[(2,5-dimethoxy-4[(phenylamino)sulfonyl]phenyl]azo]-3-oxo

SPECIFICATIONS	
Full Shade (Print tone)	Max. Delta E* 1.5 of Standard
Reduction (Tint Strength)	± 5% of Standard
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	1.36
Oil Absorption	43
Moisture	<2.0% max.

PROPERTIES			
Ethyl Acetate	Good	Ethyl Alcohol	Very Good
Propylene Glycol	Excellent	Toluene	Good -Very Good
MEK	Good	Dibutyl Phthalate	Very Good - Excellent
Water	Excellent	Linseed Oil	Excellent
Paraffin Wax	Excellent	Soap	Excellent
Dilute Acid	Excellent	Dilute Alkali	Excellent
Over-paint bleed resistance (120°C/30 minutes) - Excellent			
Heat resistance - 180°C			
Weather fastness*)		Weather fastness*)	
Full Shade -1-year	4-5	Tint 1:10 TiO ₂	3

*) 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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