DOMINION COLOUR CORPORATION
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DCC KROLOR® YELLOW KY 787

Medium Shade Yellow Pigment

SPECIFICATIONS AND PROPERTIES

DESCRIPTION
DCC KROLOR® YELLOW KY 787 is a medium shade yellow pigment with superior heat stability for high-end plastic applications.

Chemical Type/Common Name	Inorganic / Medium Chrome Yellow (silica encapsulated)
Colour Index: Generic Name	Pigment Yellow 34
Colour Index: Constitution No.	77603
CAS Registry No.	1344-37-2
Chemical Name	Co-precipitate of lead chromate and lead sulphate.

SPECIFICATIONS		
Masstone Shade	Max. DE* 1.6 of Standard DL* -0.8/0.8, Da* -0.9/1.2, Db* -0.8/1.1	(DCC TM 4129)
Tint Hue	Max. DE* 1.2 of Standard DL* -0.5/0.5, Da* -0.8/0.8, Db* -0.8/0.8	(DCC TM 4129)
Tint Strength (apparent)	± 5% of Standard	(DCC TM 4129)

PHYSICAL PROPERTIES		
Specific Gravity	3.51	(DCC TM 3101B)
Oil Absorption	18	(ASTM D-281-84- Fasig Method)
Moisture	<1.5%	(ASTM D-280-81)

PROPERTIES			
Ethyl Acetate	Excellent	**D.B.P.**	Excellent
Glycol	Excellent	**Ethyl Alcohol**	Excellent
MEK	Excellent	**Linseed Oil**	Excellent
Wax (Paraffin)	Excellent	**Mineral Spirits**	Excellent
Water	Excellent	**Xylene**	Excellent
Dilute Acid	Good	**Dilute Alkali**	Good
Heat Stability - 280ºC+, 5-minute dwell time, 1:3 SD / H.D.P.E.			
Weatherfastness(1) **Full Shade**	4	**Weather fastness(1)** **1:10 Tint**	4-5
Lightfastness2) **Full Shade**	7	**Lightfastness(2)** **1:10 Tint**	8

(1) Assessment was made using the ISO Grey Scale R105 A02 (1 = severe change, 5 = no change)
(2) Assessment was made using the Blue Wool Scale (1 = very poor, 8 = outstanding)

RECOMMENDED APPLICATIONS			
Fibres – polypropylene	●	**Injection molding**	●
Film	●	**PVC Wire and Cable**	●
Blow molding	●	**Engineering Resins**	●
● Frequently used	■ Limited Use	○ Not Normally Used	

TECHNICAL SERVICE LAB APPROVAL			
QUALITY CONTROL LAB APPROVAL			
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The information provided is based on extensive use and laboratory testing and is believed to be a reliable indication of the results that may be expected. The data is offered only as a guide to performance, without guarantee or warranty of any kind. Since many variables have a strong influence on pigment performance the user is encouraged to evaluate each product in their own laboratory.