



DCC Yellow 7183

Description: DCC Yellow 7183 is a red shade yellow pigment approved for use in food packaging materials. DCC Yellow 7183 is also suitable for plastic applications where high heat stability is required. FDA Approved.

Chemical Type	Monoazo	Constitution No.	18792
Color Index	Pigment Yellow 183	CAS No.	65212-77-3

Resistance Properties

MEK	4	Ethanol	3
Water	3	Ethyl Acetate	5
Mineral Spirits	5	Acid	5
Xylene	4	Alkali	5

Legend: 1=Poor, 2=Fair, 3=Good, 4=Very Good, 5=Excellent

Product Characteristics

Migration (1-5)	5	Lightfastness (1-8): Masstone	6-7
Heat Stability (°C/°F)	300°C (HDPE)	Lightfastness (1-8): Tint 1:10	6-7
Warpage Rating (1-3) * Plastic Only	1	Weatherfastness (1-5): Masstone	3
Overpaint Resistance * Paints Only		Weatherfastness (1-5): Tint 1:10	1

Warpage: 1 = minimal, 2 = some, 3 = severe Weatherfastness: 1=Poor, 2=Fair, 3=Good, 4=Very Good, 5=Excellent Lightfastness: 1-2=Poor, 3-4=Fair, 5=Good, 6-7=Very Good, 8=Excellent

Physical Properties

Particle Size (µm)		pH	5.5-8.5
Specific Surface Area (m²/g)		Specific Gravity	1.4
Oil Absorption (g/100g)	49	Bulk Density (kg/L)	
Moisture Content (%)	<2.0%	Bulk Volume (L/kg)	

Applications

Plastics		Coatings		Inks		Other	
PVC	■	Decorative	<input type="checkbox"/>	Water Flexo	<input type="checkbox"/>	Paper	
PE	■	Automotive/Aerospace	<input type="checkbox"/>	Solvent Flexo	<input type="checkbox"/>	Rubber	
PP	■	Industrial	<input type="checkbox"/>	InkJet	<input type="checkbox"/>	Finger Paints	
PS	■	Powder	<input type="checkbox"/>	UV	<input type="checkbox"/>	Seed Coatings	
PET	<input type="checkbox"/>			Offset	<input type="checkbox"/>		
Fiber	■						

Not Frequently Used Limited Recommended

Comments:

DISCLAIMER OF LIABILITY FOR RELIANCE ON INFORMATION PROVIDED BY DCL: The information contained herein is true and accurate to the best of our knowledge and are deemed as typical values, being therefore provided without warranty or guarantee. Since the conditions of use are beyond our control, DCL disclaims all liability and assumes no legal responsibility for damages resulting from use of or reliance upon the information contained herein. DCL strongly recommends careful screening/testing before using its products in production.