



DCC Yellow 1105

Description: DCC Yellow 1105XS is a bright clean shade yellow pigment used primarily in decorative paints.

Chemical Type	Hansa Yellow	Constitution No.	11710
Color Index	Pigment Yellow 3	CAS No.	6486-23-3

Resistance Properties

MEK	2	Ethanol	3
Water	5	Ethyl Acetate	3
Mineral Spirits	4	Acid	5
Xylene	2	Alkali	5

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

Product Characteristics

Migration (1-5)		Lightfastness (1-8): Masstone	6-7
Heat Stability (°C/°F)	140°C (Paints)	Lightfastness (1-8): Tint 1:10	6
Warpage Rating (1-3) * Plastic Only		Weatherfastness (1-5): Masstone	4
Overpaint Resistance * Paints Only		Weatherfastness (1-5): Tint 1:10	3

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	1.6
Oil Absorption (g/100g)	32	Bulk Density (kg/L)	
Moisture Content (%)	<2.0%	Bulk Volume (L/kg)	

Applications

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

Not Frequently Used Limited Recommended

Comments: May exhibit blooming, not recommended for baking systems

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