



06-905 DNA Orange 5

Description: 06-905 is a bright, somewhat opaque orange pigment with good lightfastness. 06-905 is used in some applications to replace molybdate oranges.

Chemical Type	DNA Orange	Constitution No.	12075
Color Index	Pigment Orange 5	CAS No.	3468-63-1

Resistance Properties

MEK		Ethanol	3
Water	5	Ethyl Acetate	
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
Heat Stability (°C/°F)	160°C (Paints) 138°C (Inks)	Lightfastness (1-8): Tint 1:10	5
Warping Rating (1-3) * Plastic Only		Weatherfastness (1-5): Masstone	
Overpaint Resistance * Paints Only		Weatherfastness (1-5): Tint 1:10	

Warping: 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	4.0 - 7.5
Specific Surface Area (m²/g)		Specific Gravity	1.5
Oil Absorption (g/100g)	45 - 55	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 checked="" type="checkbox"/>	Paper
PE <input type="checkbox"/>	Automotive/Aerospace <input type="checkbox"/>	Solvent Flexo <input checked="" 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 checked="" type="checkbox"/>	Seed Coatings
PET <input type="checkbox"/>		Offset <input checked="" type="checkbox"/>	
Fiber <input type="checkbox"/>			

Not Frequently Used Limited Recommended

Comments:

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