



1334 Opaque Orange 34

Description: 1334 is a bright strong diarylide orange with a modified particle size to gain high opacity, improved lightfastness and flow properties.

Chemical Type	Pyrazolone Orange	Constitution No.	21115
Color Index	Pigment Orange 34	CAS No.	15793-73-4

Resistance Properties

MEK	3 – 4	Ethanol	5
Water	5	Ethyl Acetate	5
Mineral Spirits	4 - 5	Acid	5
Xylene	4	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)	200°C (Paints) 260°C (HDPE)	Lightfastness (1-8): Tint 1:10	5 - 6
Warpage Rating (1-3) * Plastic Only		Weatherfastness (1-5): Masstone	
Overpaint Resistance * Paints Only		Weatherfastness (1-5): Tint 1:10	

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	5.0 - 6.5
Specific Surface Area (m²/g)		Specific Gravity	1.4
Oil Absorption (g/100g)	29 - 34	Bulk Density (kg/L)	
Moisture Content (%)	≤ 1.0%	Bulk Volume (L/kg)	

Applications

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

Not Frequently Used Limited Recommended

Comments: At temperatures >200°C, when incorporated in polymers, the pigment may decompose to form measurable amounts of DCB, which is a suspect human carcinogen.

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