



1634 Pyrazolone Orange 34

Description: 1634 is a bright, strong redder shade transparent type Azo Orange with fair lightfastness.

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

Resistance Properties

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

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

Product Characteristics

Migration (1-5)		Lightfastness (1-8): Masstone	5 - 6
Heat Stability (°C/°F)	199°C (Paints) 199°C (HDPE)	Lightfastness (1-8): Tint 1:10	4 - 5
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	5.5 - 7.0
Specific Surface Area (m²/g)		Specific Gravity	1.3
Oil Absorption (g/100g)	30 - 40	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 checked="" type="checkbox"/>	Paper	
PE	<input checked="" 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 checked="" 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: At temperatures >200°C, when incorporated in polymers, the pigment may decompose to form measurable amounts of DCB, which is a suspect human carcinogen.

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.