



2168 Azo Yellow 168

Description: 2168 is a green shade yellow with excellent heat stability and good light and weather fastness.

Chemical Type	Azo Yellow	Constitution No.	13960
Color Index	Pigment Yellow 168	CAS No.	71832-85-4

Resistance Properties

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

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

Product Characteristics

Migration (1-5)		Lightfastness (1-8): Masstone	7
Heat Stability (°C/°F)	260°C (HDPE)	Lightfastness (1-8): Tint 1:10	7
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	7.0 - 9.0
Specific Surface Area (m²/g)		Specific Gravity	1.7
Oil Absorption (g/100g)	50-56	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 checked="" type="checkbox"/>	InkJet	<input type="checkbox"/>	Finger Paints	
PS	<input checked="" type="checkbox"/>	Powder	■	UV	<input type="checkbox"/>	Seed Coatings	
PET	<input type="checkbox"/>			Offset	<input type="checkbox"/>		
Fiber	■						

Not Frequently Used Limited Recommended

Comments:

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