



1836 Azo Orange 36

Description: 1836 is an opaque grade of PO. 36 that exhibits a reddish shade orange with excellent light and weatherfastness characteristics. 1836 has high opacity and good flow properties in all types of coatings.

Chemical Type	Azo Orange	Constitution No.	11780
Color Index	Pigment Orange 36	CAS No.	12236-62-3

Resistance Properties

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

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

Product Characteristics

Migration (1-5)		Lightfastness (1-8): Masstone	8
Heat Stability (°C/°F)	200°C (Paints) 260°C (HDPE)	Lightfastness (1-8): Tint 1:10	7 - 8
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	6.0 - 7.5
Specific Surface Area (m²/g)		Specific Gravity	1.7
Oil Absorption (g/100g)		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 checked="" type="checkbox"/>	Solvent Flexo	<input checked="" 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 type="checkbox"/>	Seed Coatings	
PET	<input type="checkbox"/>			Offset	<input type="checkbox"/>		
Fiber	<input type="checkbox"/>						

Not Frequently Used Limited Recommended

Comments:

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