



032-185 Toluidine Red 3

Description: 032-185 is an opaque, yellow shade toluidine red, offering very good lightfastness in masstone shades. Our yellowest shade Toluidine Red.

Chemical Type	Toluidine Red	Constitution No.	12120
Color Index	Pigment Red 3	CAS No.	2425-85-6

Resistance Properties

MEK	2	Ethanol	2 - 3
Water	5	Ethyl Acetate	2
Mineral Spirits	3	Acid	5
Xylene	2 – 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)	177°C (Paints)	Lightfastness (1-8): Tint 1:10	3
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 - 6.5
Specific Surface Area (m²/g)		Specific Gravity	1.4
Oil Absorption (g/100g)	50 -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 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 type="checkbox"/>	Seed Coatings	
PET	<input type="checkbox"/>			Offset	<input type="checkbox"/>		
Fiber	<input type="checkbox"/>						

Not Frequently Used Limited Recommended

Comments: May exhibit blooming, not recommended for baking systems.

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