MONOLITE® YELLOW 115401 PY 154



Technical Data Sheet for Paints

Revision No.: 4

Revision Date: 07 / 2013

PRODUCT DESCRIPTION		
Color Index		Pigment Yellow 154
C.I. No.		11781
Chemical Type		Benzimidazolone
CAS No.		68134-22-5
Hue Angle [1/3 SD]		92.0
1/3 ISD Reduction Ratio	1:3.2	DIN EN ISO 53235
1/25 ISD Reduction Ratio	1:30.4	DIN EN ISO 53235

Yellow Po	Yellow Powder	
1.5	DIN EN ISO 787-10	
2.3	DIN 53194	
131	DIN EN ISO 66132	
55	DIN EN ISO 787-5	
	1.5 2.3 131	

FULL TONE	REDUCTION

STRUCTURAL FORMULA
O HN NH

FASTNESS PROP	ERTIES			
Acid		5	DIN EN ISO 787-4	
Alkali	Alkali		DIN EN ISO 787-4	
Overpainting	ainting 4-5		1)	
Water		5	DIN EN ISO 2836	
Butanol		4	DIN EN ISO 2836	
Butyl Acetate		5	DIN EN ISO 2836	
Xylene		5	DIN EN ISO 2836	
MEK		4-5	DIN EN ISO 2836	
White Spirits		4-5	DIN EN ISO 2836	
Heat Resistance [°	C]	160	2)	
Light Fastness			DIN EN ISO 105-B01	
Full Shade		8		
1:1 TiO ₂		8		
1/3 ISD		8		
Weather Fastness			DIN EN ISO 20105-A02	
Full Shade	[12 months]	5	[24 months] U/T	
	[12 months]	5	[24 months] U/T	
	[12 months]	5	[24 months] U/T	

APPLICATION PROFILE	
Waterborne Paints	recommended
Air Drying Alkyds	recommended
Stoving Enamels	recommended
Acid Curing Systems	recommended
Amine Curing Epoxies	recommended
Isocyanate Cured Systems	recommended
Powder Coatings	recommended

REGULATIONS	
Germany BfR recom. IX	Compliant
APME AP 89/1	Compliant
USA (FDA) 21 CFR § 178.3297	Not Listed
Toys Europe EN 71-3	Compliant
Toys USA ASTM F 94/62	Compliant
CONEG, EC 94/62	Compliant
ROHS, 2002/95/E, 2005/618/EC	Compliant
End of Life Vehicles, 2000/53/EC, 2002/525/EC	Compliant

STANDARD PACKAGING

- 20kg Cardboard Boxes
- Different types of packaging are available on request
- Pigments were tested in an alkyd/melamine system with 30 minutes baking time at 160°C.
- 2) Pigments were tested in an alkyd/melamine system.

CHEMICAL INVENTORY LISTING STATUS

All ingredients are listed in the following national chemical inventories:

EINECS [Europe], TSCA [USA], DSL [Canada],AICS [Australia], NZIOC [New Zealand], MITI [Japan], ECL [Korea], IECSC [China], PICCS [Philippines]

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