MONASTRAL® Green LAG-C



Technical Data Sheet for Paints

Revision No.: 3

Revision Date:07 / 2013

PRODUCT DESCRIPTION		
Color Index		Pigment Green 7
C.I. No.		74260
Chemical Type	Cu-Phthalocyan	ine Green,chlorinated
CAS No.		1328-53-6
Hue Angle [1/3 SD]		176.7
1/3 ISD Reduction Ratio	1:6.4	DIN EN ISO 53235
1/25 ISD Reduction Ratio	1:80.4	DIN EN ISO 53235

PHYSICAL DATA			
Appearance	Green Po	Green Powder	
Density [g/cm³]	2.1	DIN EN ISO 787-10	
Bulk Volume [ltr/kg]	3.0	DIN 53194	
Specific Surface [m²/g]	44	DIN EN ISO 66132	
Oil Absorption [ml/100g]	54	DIN EN ISO 787-5	

FASTNESS PROF	PERTIES		
Acid		5	DIN EN ISO 787-4
Alkali		5	DIN EN ISO 787-4
Overpainting		5	1)
Water		5	DIN EN ISO 2836
Butanol		5	DIN EN ISO 2836
Butyl Acetate		5	DIN EN ISO 2836
Xylene		5	DIN EN ISO 2836
MEK		5	DIN EN ISO 2836
White Spirits		5	DIN EN ISO 2836
Heat Resistance [°C]	200	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] 5
1:1 TiO ₂	[12 months]	5	[24 months] 5
1/3 ISD	[12 months]	5	[24 months] 5

- 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.

FULL TONE	REDUCTION

STRUCTURAL FORMULA
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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
AP 89/1	Compliant
USA (FDA) 21 CFR § 178.3297	Listed
Toys Europe EN 71-3:2013	n.a
Toys USA ASTM F 963-03	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

- 25kg PE Bags, 25kg Cardboard Boxes
- Different types of packaging are available on request

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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