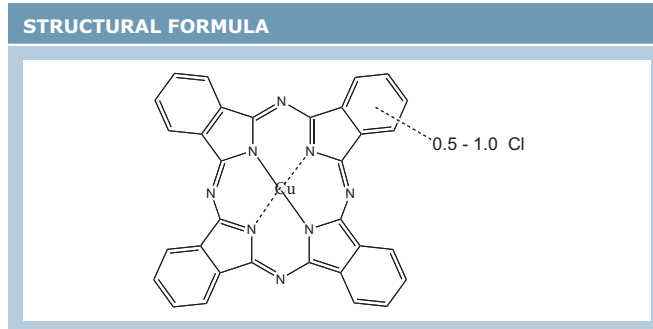
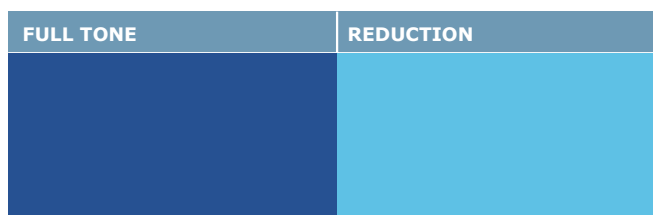


PRODUCT DESCRIPTION		
Color Index	Pigment Blue 15:1	
C.I. No.	74160	
Chemical Type	Cu-Phthalocyanine Blue, alpha-mod.	
CAS No.	147-14-8	
Hue Angle [1/3 SD]	244,7	
1/3 ISD Reduction Ratio	under test	DIN EN ISO 53235
1/25 ISD Reduction Ratio	under test	DIN EN ISO 53235

PHYSICAL DATA		
Appearance	blue powder	
Density [g/cm ³]	1,6	DIN EN ISO 787-10
Bulk Volume [l/kg]	3,5	DIN 53194
Specific Surface [m ² /g]	under test	DIN EN ISO 66132
Oil Absorption [ml/100g]	40	DIN EN ISO 787-5

FASTNESS PROPERTIES		
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
Butylacetate	4 - 5	DIN EN ISO 2836
Xylene	4 - 5	DIN EN ISO 2836
MEK	5	DIN EN ISO 2836
White Spirits	4 - 5	DIN EN ISO 2836
Heat Resistance [°C]	190	2)
Light Fastness	DIN EN ISO 105-B01	
Full Shade	8	
1:1 TiO ₂	7 - 8	
1/3 ISD	7 - 8	
Weather Fastness	DIN EN ISO 20105-A02	
Full Shade	[12 months] under test	[24 months] u. test
1:1 TiO ₂	[12 months] under test	[24 months] u. test
1/3 ISD	[12 months] under test	[24 months] u. test



APPLICATION PROFILE	
Water-borne 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	listed
Toys Europe EN 71-3	compliant
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 Paper Bags, 25kg Cardboard Boxes
- Different types of packaging are available on request

1) 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.
Temperature >200°C DE ≤2

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