

PRODUCT DESCRIPTION		
Color Index		Pigment Blue 15:4
C.I. No.		74160
Chemical Type		Cu-Phthalocyanine Blue, beta-mod.
CAS No.		147-14-8
Hue Angle [1/3 SD]	239.1	DIN 5033
1/3 SD Reduction Ratio	1 : 9.5	DIN 5033
1/25 SD Reduction Ratio	1 : 261.9	DIN 5033

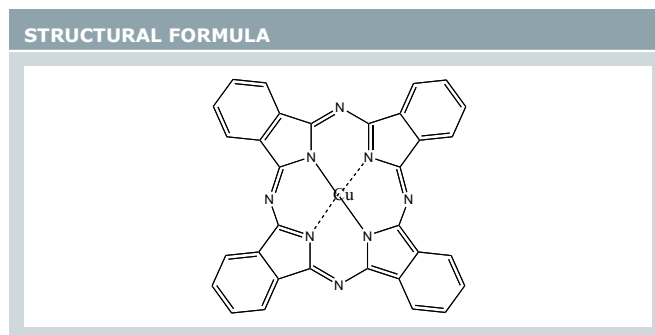
PHYSICAL DATA		
Appearance	blue powder	
Density [g/cm ³]	1.7	DIN EN ISO 787-10
Bulk Volume [l/kg]	2.6	DIN EN ISO 787-11
Specific Surface [m ² /g]	40	DIN 66132
Oil Absorption [ml/100g]	30	DIN EN ISO 787-5

FASTNESS PROPERTIES				
Acid	5	DIN EN ISO 20105-A02		
Alkali	5	*		
Overpainting	5	**		
Water	5	DIN ISO 2836		
Butanol	3	DIN ISO 2836		
Butylacetate	5	DIN ISO 2836		
Xylene	4	DIN ISO 2836		
MEK	4	DIN ISO 2836		
White Spirits	4	DIN ISO 2836		
Heat Resistance [°C]	180	***		
Light Fastness		DIN EN ISO 105-B01		
Full Shade	8			
1:1 TiO ₂	8			
1/3 SD	7 - 8			
Weather Fastness / Xeno		DIN EN ISO 20105-A02		
	Full Shade	1:1 TiO ₂	1/3 SD	1/25 SD
[1000h]	5	5	5	-
[1600h]	-	-	-	-
[3200h]	-	-	-	-
[4800h]	-	-	-	-

* DIN EN ISO 20105-A02

** Pigments were tested in an alkyd / melamine system with 30 minutes baking time at 160°C.

*** Pigments were tested in an alkyd / melamine system.



APPLICATION PROFILE	
Automotive Coatings	-
Industrial Coatings	recommended
Coil Coatings	recommended
Powder Coatings	-
Decorative Coatings	-

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	
15kg Paper Bags	
Different types of packaging are available on request	