

PRODUCT DESCRIPTION		
Color Index		Pigment Red 168
C.I. No.		59300
Chemical Type		Anthanthrone
CAS No.		4378-61-4
Hue Angle [1/3 SD]	27.1	DIN 5033
1/3 SD Reduction Ratio	1 : 2.0	DIN 5033
1/25 SD Reduction Ratio	1 : 27.9	DIN 5033

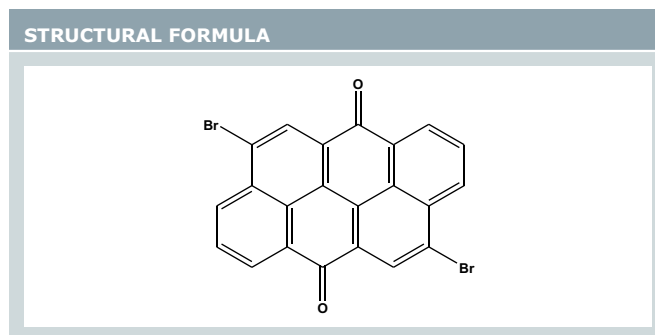
PHYSICAL DATA		
Appearance	red powder	
Density [g/cm ³]	2.1	DIN EN ISO 787-10
Bulk Volume [l/kg]	3.3	DIN EN ISO 787-11
Specific Surface [m ² /g]	26	DIN 66132
Oil Absorption [ml/100g]	52	DIN EN ISO 787-5

FASTNESS PROPERTIES				
Acid	5	DIN EN ISO 20105-A02		
Alkali	5	*		
Overpainting	5	**		
Water	5	DIN ISO 2836		
Butanol	5	DIN ISO 2836		
Butylacetate	5	DIN ISO 2836		
Xylene	5	DIN ISO 2836		
MEK	5	DIN ISO 2836		
White Spirits	5	DIN ISO 2836		
Heat Resistance [°C]	160	***		
Light Fastness	DIN EN ISO 105-B01			
Full Shade	8			
1:1 TiO ₂	8			
1/3 SD	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	recommended
Industrial Coatings	recommended
Coil Coatings	-
Powder Coatings	-
Decorative Coatings	recommended

REGULATIONS	
Germany BfR recom. IX	compliant
APME AP 89/1	compliant
USA (FDA) 21 CFR § 178.3297	-
Toys Europe EN 71-3	-
Toys USA ASTM F 963-03	-
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 Fibre Drums
Different types of packaging are available on request