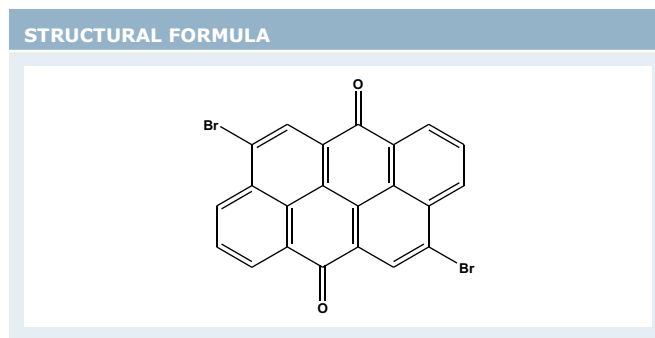


PRODUCT DESCRIPTION		
Color Index	Pigment Red 168	
C.I. No.	59300	
Chemical Type	Anthanthrone	
CAS No.	4378-61-4	
Hue Angle [1/3 SD]	32,1	
1/3 ISD Reduction Ratio	1 : 1,9	DIN EN ISO 53235
1/25 ISD Reduction Ratio	1 : 38,9	DIN EN ISO 53235

PHYSICAL DATA		
Appearance	red powder	
Density [g/cm <sup>3</sup> ]	2,1	DIN EN ISO 787-10
Bulk Volume [l/kg]	3,3	DIN 53194
Specific Surface [m <sup>2</sup> /g]	26	DIN EN ISO 66132
Oil Absorption [ml/100g]	52	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]	140	2)
Light Fastness	DIN EN ISO 105-B01	
Full Shade	7	
1:1 TiO <sub>2</sub>	7	
1/3 ISD	8	
Xeno	DIN EN ISO 20105-A02	
Full Shade	[1000h] 4 - 5	[2000h] 4 - 5
1/25 ISD	[1000h] 5	[2000h] 4 - 5
1/3 ISD	[1000h] 4 - 5	[2000h] 4 - 5



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

REGULATIONS	
Germany BfR recom. IX	compliant
APME AP 89/1	compliant
USA (FDA) 21 CFR § 178.3297	-
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
- 15 kg Fibre Drums
- Different types of packaging are available on request

1) Pigments were tested in a 2C-acrylate system with 30 minutes baking time at 80°C.

2) Pigments were tested in an alkyd/melamine system.

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