

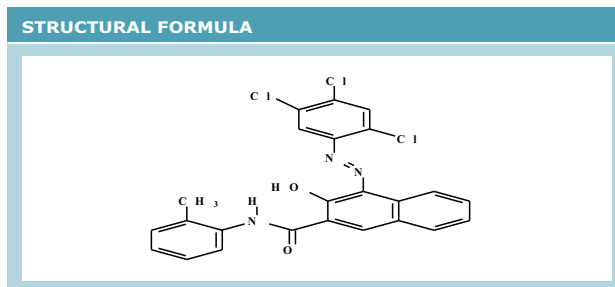
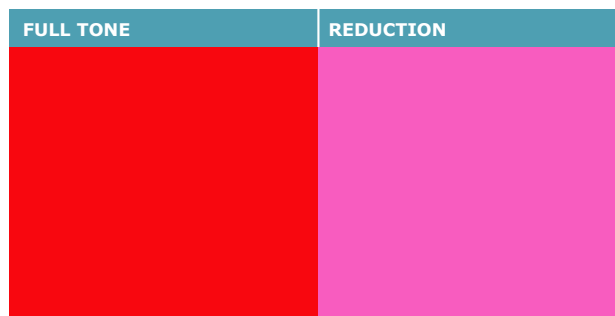
PRODUCT DESCRIPTION		
Color Index	Pigment Red 112	
C.I. No.	12370	
Chemical Type	Naphthol AS	
CAS No.	6535-46-2	
Hue Angle	19.9	
1/3 ISD Reduction Ratio	1:5.4	DIN EN ISO 53235
1/25 ISD Reduction Ratio	1:68.4	DIN EN ISO 53235

PHYSICAL DATA		
Appearance	Red Powder	
Density [g/cm ³]	1.4	DIN EN ISO 787-10
Bulk Volume [ltr/kg]	4.9	DIN 53194
Specific Surface [m ² /g]	11	DIN EN ISO 66132
Oil Absorption [ml/100g]	49	DIN EN ISO 787-5

FASTNESS PROPERTIES		
Acid	5	DIN EN ISO 787-4
Alkali	5	DIN EN ISO 787-4
Overpainting	3	1)
Water	5	DIN EN ISO 2836
Butanol	3	DIN EN ISO 2836
Butyl Acetate	2	DIN EN ISO 2836
Xylene	2	DIN EN ISO 2836
MEK	2	DIN EN ISO 2836
White Spirits	1-2	DIN EN ISO 2836
Heat Resistance [°C]	180	2)
Light Fastness	DIN EN ISO 105-B01	
Full Shade	7-8	
1:1 TiO ₂	7-8	
1/3 ISD	6-7	
Weather Fastness	DIN EN ISO 20105-A02	
Full Shade	[12 months] 4-5	[24 months] 4
1:1 TiO ₂	[12 months] 4	[24 months] 3
1/3 ISD	[12 months] 3-4	[24 months] 2-3

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

2) Pigments were tested in 2C Acrylic system.
Temperature <200°C DE ≤ 1



APPLICATION PROFILE	
Waterborne Paints	recommended
Air Drying Alkyds	recommended
Stoving Enamels	potential use
Acid Curing Systems	recommended
Amine Curing Epoxies	-
Isocyanate Cured Systems	potential use
Powder 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 94/62	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