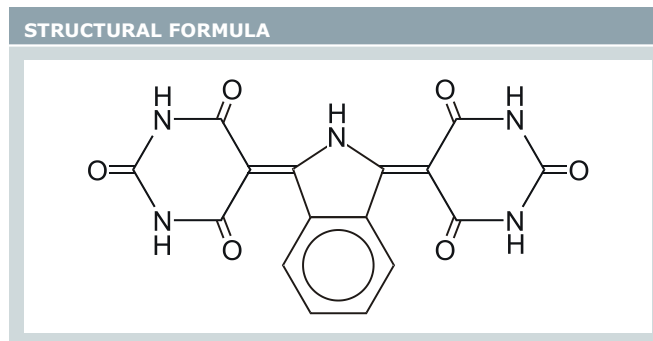


PRODUCT DESCRIPTION		
Color Index		Pigment Yellow 139
C.I. No.		56298
Chemical Type		Isoindoline Yellow
CAS No.		36888-99-0
Hue Angle [1/3 SD]	61.5	DIN 5033
1/3 SD Reduction Ratio	1 : 1.7	DIN 5033
1/25 SD Reduction Ratio	1 : 28.3	DIN 5033

PHYSICAL DATA		
Appearance	yellow powder	
Density [g/cm ³]	1.7	DIN EN ISO 787-10
Bulk Volume [l/kg]	3.7	DIN EN ISO 787-11
Specific Surface [m ² /g]	19	DIN 66132
Oil Absorption [ml/100g]	52	DIN EN ISO 787-5

FASTNESS PROPERTIES				
Acid	5	DIN EN ISO 20105-A02		
Alkali	4	*		
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]	180	***		
Light Fastness		DIN EN ISO 105-B01		
Full Shade	1:1 TiO ₂	1/3 SD		
8	7 - 8	7 - 8		
Weather Fastness / Xeno		DIN EN ISO 20105-A02		
Full Shade	1:1 TiO ₂	1/3 SD	1/25 SD	
[1000h]	-	-	-	-
[1600h]	4 - 5	-	4 - 5	4 - 5
[3200h]	4	-	4	4
[4800h]	3 - 4	-	3 - 4	3 - 4

STANDARD PACKAGING	
25kg Cardboard Boxes	
Different types of packaging are available on request	



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

REGULATIONS	
Germany BfR recom. IX	compliant
APME AP 89/1	compliant
USA (FDA) 21 CFR § 178.3297	not 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

CHEMICAL INVENTORY LISTING STATUS	
All ingredients are listed in the following national chemical inventories:	
EINECS [Europe], TSCA [USA], DSL [Canada], AICS [Australia], NZIoC [New Zealand], MITI [Japan], ECL [Korea], IECSC [China], PICCS [Philippines]	

* DIN EN ISO 20105-A02 / The resistance to very strong alkalis may be in some application binder systems not satisfying.

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

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

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