

Full Shade	Reduction 1:25 TiO ₂
	

Product Description	
Chemical characterization	Azo-nickel-complex
Color Index	Pigment Yellow 150
Appearance	Yellow powder
C.I. No.	12764
CAS No.	68511-62-6

Product Description			
	Unit	Value	Test Method
Hue angle [1/3 SD]		90.6	acc. to DIN EN ISO/CIE 11664-4

Technical Data			
	Unit	Value	Test Method
Density	[g/cm ³]	typ. 1.8	acc. to ISO 787-10
Bulk volume	[l/kg]	typ. 3.3	
Specific surface	[m ² /g]	typ. 109.0	acc. to DIN ISO 66132

Fastness Properties		
Resistance to Chemicals		
	Value	Test Method
Acid	5	rating acc. to DIN EN ISO 105-A03
Alkali	4	rating acc. to DIN EN ISO 105-A03
Water	5	rating acc. to DIN EN ISO 105-A03
Ethanol	5	rating acc. to DIN EN ISO 105-A03
Ethylacetate	5	rating acc. to DIN EN ISO 105-A03
MEK	5	rating acc. to DIN EN ISO 105-A03
Toluene	5	rating acc. to DIN EN ISO 105-A03

Acid/alkali resistance: Pigment was dipped into hydrochloric acid (10%) or soda solution (10%). Rating with gray scale: 1=poor, 5=excellent.

Solvent resistance: Pigment was dipped into solvent. Rating with gray scale: 1=poor, 5=excellent.

	Value	Test Method
Light fastness (print)[1/25 SD]	8	rating acc. to DIN EN ISO 105-B02

Light fastness: Rating with 8-step wool scale: 1=poor, 8=excellent.

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Application Profile

Offset inks	
Publication gravure	
Packaging inks (solvent based)	
Packaging inks (water based)	+++
Laminated inks	+++

+++ Excellent choice

++ Good choice

+ Possible choice

Packaging and Handling

Packaging	20 kg paper bags
Packaging	Different types of packaging are available on request

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