



Product Description	
Chemical characterization	Cu-phthalocyanine blue, beta-mod.
Color Index	Pigment Blue 15:4
Appearance	Blue powder
C.I. No.	74160
CAS No.	147-14-8

Product Description			
	Unit	Value	Test Method
Hue angle [1/3 SD]		237.5	acc. to DIN EN ISO/CIE 11664-4

Technical Data			
	Unit	Value	Test Method
Density	[g/cm <sup>3</sup> ]	typ. 1.6	acc. to ISO 787-10
Bulk volume	[l/kg]	typ. 2.9	
Specific surface	[m <sup>2</sup> /g]	typ. 40.0	acc. to DIN ISO 66132

Fastness Properties		
Resistance to Chemicals		
	Value	Test Method
Acid	5	rating acc. to DIN EN ISO 105-A03
Alkali	5	rating acc. to DIN EN ISO 105-A03
Water	5	rating acc. to DIN EN ISO 105-A03
Ethanol	3	rating acc. to DIN EN ISO 105-A03
Ethylacetate	5	rating acc. to DIN EN ISO 105-A03
MEK	4 - 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]	7 - 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	15 kg paper bags
Packaging	Different types of packaging are available on request

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Our application information and any other information in this document as well as our product specifications are based on our current state of knowledge at the Revision Date mentioned in the respective document. They are non-binding and cannot be taken as a guarantee. The processing company must establish the suitability of individual products itself. As their use lies beyond our knowledge and control, we cannot accept any liability relating to the use of our products in particular applications. In addition to that, the legal rights of third parties must always be considered. The product specification agreed between the customer and ourselves is the basis upon which our general sales and delivery conditions are set and is the deciding factor concerning any liabilities. Our standard specification is then valid if no specification has been agreed upon between the customer and ourselves.