

23065 Phthalo Turquoise

High-gloss transparent green-shade blue with high color strength, excellent flow properties, especially designed for UV packaging and Inkjet inks.

Chemical nature:	Cu Phthalocyanine, beta
Color Index:	Pigment Blue 15:4, C.I. 74160
Density:	1.59 g/cm ³
Bulk volume:	2.8 l/kg
Oil absorption:	41 g / 100 g
Specific surface:	49 m ² /g

Specification

pH-Value:	4.5 – 6.5
Volatiles:	max. 1.0
Transparency:	-2 – 2
Relative color strength:	95 – 105
DE*	0.0 – 1.0
NC/Alcohol (Eiger Mill) white reduction	
Lightness DL*	-0.5 – 0.5
Chroma DC*	-0.8 – 0.8
Hue DH*	-0.8 – 0.8

Fastness Properties

Fastness to Solvents

(1=poor; 5=excellent)

Butanol	3 – 4
Cyclohexanone	3 – 4
Ethanol:	3
Ethyl acetate:	4 – 5
Methylethyl ketone:	4
Toluene:	4 – 5
Water:	5
Xylene:	4 – 5

Fastness to Light

(1=poort; 8=excellent)

Gravure print on paper (100 %)	7 – 8
Gravure print on paper (50 %)	7 – 8

Fastness to Overcoating 5
(Lithographic ink, cellulose nitrate,
120°C/248°F, 10 s)

Resistances to Lithographic Inks

Butter	5
Cheese	5
Olive oil	5
Paraffin wax	5
Soap	3 – 4
NaOH	5
Water	5

Suitability for Applications

Flexographic/Gravure inks (solvent-based):	suitable
Flexographic/Gravure inks (water-based):	potentially suitable
Lithographic inks:	potentially suitable
UV-curable inks:	suitable