

TECHNICAL DATA SHEET- Beta Blue

Product Detail

Product Name	Phthalo Alpha and Beta Blue
Color Index Name	Pigment Blue 15:0,15:2,15:3
Chemical Formula	C ₃₂ H ₁₆ CuN ₈
Molecular weight	576
Substance Name	Copper phthalocyanine Blue
Pigment Description	Phthalocyanine Alpha &
Beta Blue	
Color Index No.	74160
CAS No.	147-14-8
EINECS No.	205-685-1

Physical & chemical Properties

Physical State	Solid
Appearance	Dry Blue Powder
Odor	Odorless
Specific Gravity (Water=1)	1.5 - 1.6
Water Soluble	1% Max.
Sieve Residue (300 Mesh/44 micron)	Max. 0.5 %
Oil Absorption	35 -40 W/W

Bulk Density	0.3 – 0.4
pH	6.50 - 7.50
Moisture Content	1% Max.
Chemical Stability	Stable
Hazardous ingredients	Nil

Bleed Resistance in (1-Poor: 5-Exellent)

Water	5
Xylene	5
Ethanol	5
Linseed Oil	5
Methyl Ethyl Keton	5

Resistance Properties in (1-Poor: 5-Exellent)

5 % NaOH (Alkali)	5
5% HCl (Acid)	5

Resistance Properties in (1-Poor: 5-Exellent)

Heat (240' C/5 Min.)	5
----------------------	---

Fastness Properties in (1-Poor: 8-Exellent)

Light	8
-------	---

+ 27 79 499 5129

info@shepardsa.co.za

www.shepardsa.co.za

4 Commer Street, Aureus, Randfontein, Johannesburg, RSA

Company Registration Number: 2024/207290/07 | Customs Code: CU25551293