



## Technical Data Sheet

Date : 01.06.2025

REACH Status : Registered

Revision : 06

### Product Description

C.I Generic Name	Pigment Blue 15:0	NPPL Product Code	Navfast Blue 9100
C.I No.	74160	CAS No.	147-14-8
EINECS No.	205-685-1	Chemical Type	Phthalocyanine Blue
Molecular Formula	C32H16CuN8	Molecular Weight	576
Chemical Name: Copper,[29H-phthalocyanineato(2-)-N29,N30,N31,N32]-,(SP-4-1)-			

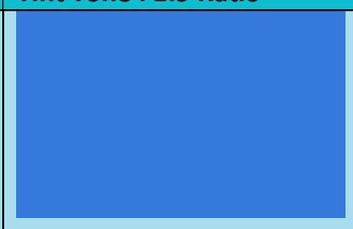
### Physical Properties

Sieve Residue (PPM) Max.	500
Oil Absorption (%)	45-55
Bulk Density (gms/cc)	0.20 -0.35
Water Soluble Matter (%)	1
Moisture Content (%) Max.	1
Conductivity $\mu$ S/CM (max)	500
PH Value	6.0 – 9.0

### Mass Tone : 5%



### Tint Tone : 1:9 Ratio



### Fastness properties

Heat °C	Mass Tone	200°C
Heat °C	Tint Tone	200°C
Light	Mass Tone	8
Light	Tint Tone	8
Weather	Mass Tone	5
Weather	Tint Tone	5
Migration		5

### Specification

Coloristic properties	Strength : $\pm$ 5 %
Coloristic properties	DA,DB,DE,DC,DH,DL: $\pm$ 1
Light fastness :	Scale 1- 8 1~Poor & 8 ~ Excellent
Weather fastness : Scale 1- 5	1~Poor & 5 ~ Excellent
Solvent Fastness: Scale 1- 5	1~Poor & 5 ~ Excellent
Heat Stability °C	DE</=3 at Maximum Temp.

### Application

Water Based	•
Coatings	•
Textile	•
Air Drying Enamel	•
•	Suitable
o	Limited Suitability

**Note:** The colors above have been generated electronically and should therefore not be used for comparison purposes. The colors are meant to give a first impression of the colorant shade.

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