



TECHNICAL DATA SHEET

Date : 01.04.2022

REACH STATUS: REGISTERED

Revision : 04

Product Description

C.I Generic Name	PIGMENT BLUE 15:4	NPPL Product Code	Navfast Blue 9450
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)-			

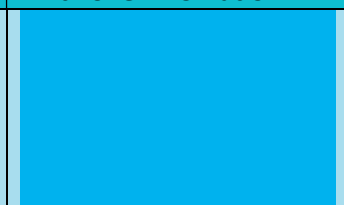
Physical Properties

Sieve Residue (PPM) Max.	500
Oil Absorption (gms)	45-55
Bulk Density (gms/cc)	0.5 -0.75
Salt Content (%) Max.	1
Moisture Content (%) Max.	1
Conductivity μ S/CM (max)	500
PH Value	4.0 – 6.0

Mass Tone : 5%



Tint Tone : 1:9 Ratio



Fastness properties

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

Solvent Fastness properties

Water	5
Ethanol	4
Ethyl Acetate	4
MEK	5
Acid	5
Alkali	5

Application

Waterbased Ink	•
Textile	•
Coating	•
Plastics	0

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

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.

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our Product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.



CIN No: U24220GJ1998PTC033736

NAV PAD PIGMENTS PVT. LTD.

A Govt. Of India Recognized Star Export House

Regd. Office & Factory: 1196/1/A & B, Ghumasan Patia Road,
Chhatral - Mehsana Highway, Rajpur - 382715, Gujarat, India

T: +91-982-503-1388 / +91-2764-278338

E: exports@navpadpigments.com W: www.navpadpigments.com