A Pigment of Your Imagination

NAVPAD PIGMENTS

Technical Data Sheet

Date : 01.09.2026 | REACH Status : Registered | Revision : 07

Product Description			
C.I Generic Name	Pigment Blue 15:3	NPPL Product Code	Navfast Blue 9004
C.I No.	74160	CAS No.	147-14-8
EINECS No.	205-685-1	Chemical Type	Phthalocyanine Beta 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)	0.30 -0.45
Water Soluble Matter (%)	<1
Moisture Content (%) Max.	1
Conductivity µS/CM (max)	500
PH Value	6.0 – 9.0

Mass Tone : 5%	Tint Tone : 1:9 Ratio

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

Specification	
Coloristic properties	Strength : ± 5 %
Coloristic properties	DA,DB,DE,DC,DH,DL: ± 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	
Sheetfed / Heatset	•
Coldset / Metal Deco	•
UV-curable	•
UV-LED digital inkjet	•
•	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.

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.

ISO 9001 : 2015 ISO 14001 : 2015

CIN No: U24220GJ1998PTC033736

NAVPAD 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