

A Pigment of Your Imagination



NAV PAD
PIGMENTS

TECHNICAL DATA SHEET

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Revision : 02

Product Description

C.I Generic Name	PIGMENT YELLOW 83	NPPL Product Code	IN-9034
C.I No.	21108	CAS No.	5567-15-7
EINECS No.	226-939-8	Chemical Type	Diarylide
Molecular Formula	C36H32Cl4N6O8	Molecular Weight	818.49
Chemical Name: 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxobutyramide]			

Physical Properties

Sieve Residue (PPM) Max.	1000
Oil Absorption(gms)	75-85
Bulk Density(gm/ml)	0.25-0.40
Salt Content (%) Max.	1
Moisture Content (%) Max.	1

Mass Tone : 5%



Tint Tone : 1:9 Ratio



Fastness properties

Heat °C	380-420
Light Mass Tone	7
Light Tint Tone	6

Solvent Fastness properties

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

Application

Vinyl Inks	•
NC/PA Inks	•
NC/PU Inks	•
CLPP Inks	•
•	Suitable
o	Limited Suitably

Specification

Coloristic properties -Tint	Strength : ± 5 %
Coloristic properties - Tint	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

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.



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