



Technical Data Sheet

Date: 01.06.2025

Revision : 06

Product Description

C.I Generic Name	Pigment Yellow 83	NPPL Product Code	Navfast Yellow 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.	500
Oil Absorption (%)	75-85
Bulk Density (gms/cc)	0.25 -0.40
Water Soluble Matter (%)	<1
Moisture Content (%) Max.	1
Conductivity μ S/CM (max)	500
PH Value	3.0 – 5.0

Mass Tone : 5%



Tint Tone : 1:9 Ratio



Fastness properties

Heat °C		200
Light	Mass Tone	7
Light	Tint Tone	6
Weather	Mass Tone	3
Weather	Tint Tone	2-3
Migration		5

Solvent Fastness properties

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

Application

Sheetfed	Air Drying Enamel
Heatset	Stoving Paint
Coldset	Powder Coating
Water Based	Coil Coating
Polyolefins (PP/HDPE/LDPE)	PVC
Rubber/ Fiber	Textile Printing

Specification

Coloristic properties - Tint	Strength : \pm 5 %
Coloristic properties - Tint	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.



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