



Technical Data Sheet

Date: 01.06.2025

Revision : 06

Product Description

C.I Generic Name	Pigment Red 2	NPPL Product Code	Navfast Red 9040
C.I No.	12310	CAS No.	6041-94-7
EINECS No.	227-930-1	Chemical Type	Mono Azo
Molecular Formula	C23H15Cl2N3O2	Molecular Weight	436.2901
Chemical Name: 4-[(2,5-dichlorophenyl)azo]-3-hydroxy-N-phenylnaphthalene-2-carboxamide			

Physical Properties

Sieve Residue on 45 μ	<1 %
Oil Absorption (%)	65-80
Bulk Density (gms/cc)	0.20-0.35
Salt Content (%) Max.	1
Moisture Content (%) Max	1
Ph	6-8
Conductivity μS/CM (max)	500

Fastness properties

Heat °C	180
Light Mass Tone	6-7
Light Tint Tone	4-5

Application

Sheetfed	Polyamide (PA)
Headset	NC/PA
Coldset	NC/PU
Water Based Ink	CL – Polypropylene
Vinyl	Decorative
Nitro Collulose (NC)	Air Drying Enamel
Textile Printing	

Mass Tone : 5%



Tint Tone : 1:10 Ratio



Solvent Fastness properties

Water	5
Ethanol	3
Ethyl Acetate	3
MEK	3
Acid	5
Alkali	3

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
Overspray : 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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