



Technical Data Sheet

Date: 01.06.2025

Revision : 06

Product Description

C.I Generic Name	Pigment Red 112	NPPL Product Code	Navfast Red 9059
C.I No.	12370	CAS No.	6535-46-2
EINECS No.	229-440-3	Chemical Type	Naphthol AS
Molecular Formula	C24H16Cl3N3O2	Molecular Weight	484.76
Chemical Name: 3-hydroxy-N-(o-tolyl)-4-[(2,4,5-trichlorophenyl)azo]naphthalene-2-carboxamide			

Physical Properties

Sieve Residue PPM Max.	500
Oil Absorption (gms)	65-75
Bulk Density (gms/cc)	0.10-0.35
Salt Content (%) Max.	1
Moisture Content (%) Max.	1
Conductivity μ S/CM (max)	500
PH Value	3.0 – 6.0

Fastness properties

Heat °C	180°C
Light	Mass Tone 7
Light	Tint Tone 6

Application

Sheetfed	CL-Polypropylene
Heatset	Decorative
Coldset	Air Drying Paint
Water Based Flexo	Powder Coating
Vinyl	Polyamide
Nitro Cellulose	NC/PA
Textile Printing	

Mass Tone : 5%



Tint Tone : 1:10 Ratio



Solvent Fastness properties

Water	5
Ethanol	4
Ethyl Acetate	5
MEK	3
Acid	5
Alkali	5

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
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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