



Technical Data Sheet

Date: 01.06.2025

Revision : 06

Product Description

C.I Generic Name	Pigment Orange 34	NPPL Product Code	Navfast Orange 9039
C.I No.	21115	CAS No.	15793-73-4
EINECS No.	239-898-6	Chemical Type	Disazopyrazolone
Molecular Formula	C34H28Cl2N8O2	Molecular Weight	652
Chemical Name: 3H-Pyrazol-3-one, 4-4'[{3,3'-dichloro(1,1'biphenyl)-4,4'-diyl}bis(azo)bis[2,4-dihydro-5-methyl-2-(4-methylphenyl)]			

Physical Properties

Specific Gravity	1.5
Oil Absorption (%)	46-60
Bulk Volumes (1/kg)	2.9
Salt Content (%) Max.	1
Moisture Content (%) Max.	<1
Water Soluble matter %	< 1
Water & Volatile content %	< 1

Fastness properties

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

Application

Sheetfed	Nitro Cellulose (NC)
Heatset	Polyamide (PA)
Coldset	NC/PA
CL-Polypropylene	NC/PU
Publication	Air Drying Enamel
Powder Coating	Stoving Paint

Mass Tone : 5%



Tint Tone : 1:10 Ratio



Solvent Fastness properties

Water	10
Acid	10
Alkali	10
Acetone	8
Light Fastness Full Shade	7
Tint	7

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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NAV PAD 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