


TECHNICAL DATA SHEET

Date: 01.09.2024

Revision : 05

Product Description

C.I Generic Name	PIGMENT ORANGE 13	NPPL Product Code	Navfast Orange 9038
C.I No.	21110	CAS No.	3520-72-7
EINECS No.	222-530-3	Chemical Type	Disazopyrazolone
Molecular Formula	C32H24Cl2N8O2	Molecular Weight	623.5
Chemical Name: : 4,4'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[2,4-dihydro-5-methyl-2-phenyl-3H-pyrazol-3-one]			

Physical Properties

Sieve Residue (PPM) Max	500
Oil Absorption(gms)	50-65
Bulk Density(gm/ml)	0.20-0.35
Salt Content (%) Max.	1
Moisture Content (%) Max	1

Mass Tone : 5%
Tint Tone : 1:10 Ratio
Fastness properties

Heat °C	200
Light Mass Tone	7
Light Tint Tone	6
Weather Mass Tone	3
Weather Tint Tone	2
Migration	4

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
Migration: Scale 1- 5	1~Poor & 5 ~ Excellent
Heat Stability °C	DE≤ 3 at Maximum

Application

Water Based Ink	Decorative Paints
Paste Inks	Industrial Paints
Liquid Inks	Textile
PVC	Polyolefins
Rubber / Fiber	

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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