



TECHNICAL DATA SHEET

Date: 01.09.2024

Revision : 05

Product Description

C.I Generic Name	Pigment Red 53:1	NPPL Product Code	Navfast Red 9050
C.I No.	15585:1	CAS No.	5160-02-1
EINECS No.	225-935-3	Chemical Type	β – Napthol, Ba
Molecular Formula	C17H13CLN2O4S.1/2Ba	Molecular Weight	424
Chemical Name: calcium 3-hydroxy-4-[(4-methyl-2-sulphonatophenyl)azo]-2-naphthoate			

Physical Properties

Sieve Residue on 45 μ	< 1%
Oil Absorption	≤ 45 cc
Bulk Density (gm/ml)	1.5 gm/cm ³
Salt Content (%) Max.	1
Moisture Content (%) Max.	1
Ph	678

Mass Tone : 5%



Tint Tone : 1:10 Ratio



Fastness properties

Heat °C	180°C / 20 min
Light Mass Tone	4
Light Tint Tone	3
Weather Mass Tone	3
Weather Tint Tone	2-3
Migration	5

Solvent Fastness properties

Water	5
Ethanol	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
Overspray : Scale 1- 5	1~Poor & 5 ~ Excellent
Solvent Fastness: Scale 1- 5	1~Poor & 5 ~ Excellent

Application

Decorative Paints	
Printing Inks	
Master Batches	

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.

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