

A Pigment of Your Imagination



NAVPAD
PIGMENTS

TECHNICAL DATA SHEET

Date: 01.11.2020

Revision : 02

Product Description

C.I Generic Name	PIGMENT RED 57:1	NPPL Product Code	PL-9053
C.I No.	15850:1	CAS No.	5281-04-9
EINECS No.	226-109-5	Chemical Type	BONA, Ca
Molecular Formula	C18H14N2O6S.Ca	Molecular Weight	424
Chemical Name: calcium 3-hydroxy-4-[(4-methyl-2-sulphonatophenyl)azo]-2-naphthoate			

Physical Properties

Sieve Residue (PPM) Max	1000
Oil Absorption(gms)	60 - 85
Bulk Density(gm/ml)	0.25-0.35
Salt Content (%) Max.	1
Moisture Content (%) Max	1

Mass Tone : 5%



Tint Tone : 1:10 Ratio



Fastness properties

Heat °C	360
Light Mass Tone	5
Light Tint Tone	3
Weather Mass Tone	--
Weather Tint Tone	--
Migration	4

Solvent Fastness properties

Water	5
Ethanol	3
Ethyl Acetate	3
MEK	3
Acid	3
Alkali	2

Application

PVC	•
Rubber / Fiber	•
Textile	•
•	Suitable
o	Limited Suitability

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 ourProduct, 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 theproduct for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreedcontractual 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.



CIN No: U24220GJ1998PTC033736

NAVPAD 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