A Pigment of Your Imagination

NAVPAD PIGMENTS

Technical Data Sheet

Date : 01.06.2025 | REACH Status : Registered | Revision : 06

Product Description			
C.I Generic Name	Pigment Violet 23	NPPL Product Code	Navfast Violet 9045 FG
C.I No.	51319	CAS No.	6358-30-1 / 215247-95-3
EINECS No.	228-767-9	Chemical Type	Dioxazine
Molecular Formula	C34H22CI2N4O2	Molecular Weight	589.5
Chemical Name: Diindolo [3, 3', 2' M] triphenodioxazine, 8, 18 – dichloro – 5, 15 – diethyl – 5, 15 - dihydro			

Physical Properties	
Sieve Residue (PPM) Max.	500
Oil Absorption (gms)	45-55
Bulk Density(gms/cc)	0.25 – 0.35
Salt Content (%) Max.	1
Moisture Content (%)	1
Conductivity µS/CM (max)	500

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

Fastness properties	
Heat °C	PP - 260°C / PE - 280°C
Light Mass Tone	8
Light Tint Tone	7
Weather Mass Tone	5
Weather Tint Tone	4
Migration	5

Solvent Fastness properties	
Water	5
Ethanol	5
Ethyl Acetate	5
MEK	5
Acid	5
Alkali	5

Application	
PP/HDPE/LDPE	•
Engineering Polymers	•
PVC	•
Rubber/Fiber	•

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.

ISO 9001 : 2015 ISO 14001 : 2015

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