

A Pigment of Your Imagination



NAV PAD
PIGMENTS

TECHNICAL DATA SHEET

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Revision : 06

Product Description

C.I Generic Name	Pigment Blue 29	NPPL Product Code	Navfast Blue 9199-P
C.I No.	77007	CAS No.	57455-37-5
EINECS No.	611-533-9	Chemical Type	Ultramarine Blue
Molecular Formula	Na6Al4Si6S4O20	Molecular Weight	994.5
Chemical Name: Sodium Aluminum Sulpho silicate			

Physical Properties

Residue on 45 microns sieve(% by wt)	0.2 Max
Oil Absorption (% by wt)	34-37
Bulk Density (gms/cc)	0.50 -0.55
Salt Content (%) Max.	1
Moisture Content (%) Max.	1
Conductivity μ S/CM (max).	500
Free Sulphur (% by wt)	0.010 % Max (100 ppm)
Specific Gravity	2.35 (approx.)

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

Fastness properties

Heat °C	350°C for 5 min	
Light	Mass Tone	7
Light	Tint Tone	6
Weather	Mass Tone	5
Weather	Tint Tone	5
Overspray	5	

Solvent Fastness properties

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

Application

PP / HDPE / LDPE	PVC
Engineering Polymers	Rubber / Fiber

Specification

Coloristic properties - Tint	Strength : \pm 5 %
Coloristic properties - Tint	DA,DB,DE,DC,DH,DL: \pm 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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