


**TECHNICAL DATA SHEET**

Date: 01.04.2022

Revision : 04

**Product Description**

C.I Generic Name	PIGMENT BLUE 29	NPPL Product Code	Navfast Blue 9164-P
C.I No.	77007	CAS No.	57455-37-5
EINECS No.	205-685-1	Chemical Type	Ultramarine Blue
Molecular Formula	Na <sub>6</sub> Al <sub>4</sub> Si <sub>6</sub> S <sub>4</sub> O <sub>20</sub>	Molecular Weight	994.5 g
Chemical Name: Ultramarine Blue			

**Physical Properties**

Sieve Residue (PPM) Max.	500
Oil Absorption (gms)	45 - 55
Bulk Density (gms/cc)	0.40 -0.60
Salt Content (%) Max.	1
Moisture Content (%)	1
Conductivity $\mu$ S/CM (max)	500

**Mass Tone : 5%**

**Tint Tone : 1:10 Ratio**

**Fastness properties**

Heat °C	300°C / 5 min.
Light Mass Tone	7
Light Tint Tone	6
Weather Mass Tone	5
Weather Tint Tone	5
Overspray	5
Migration	5

**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

**Application**

PP / HDPE / LDPE	•
Engineering Polymers	•
PVC	•
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.

**NAV PAD PIGMENTS PVT. LTD.**

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