


**TECHNICAL DATA SHEET**

Date: 01.09.2024

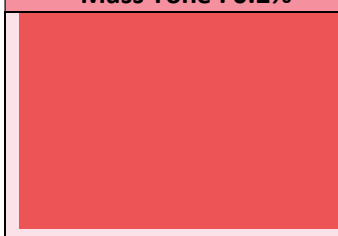
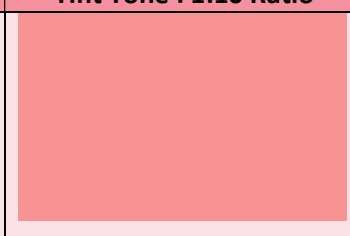
Revision : 05

**Product Description**

C.I Generic Name	PIGMENT RED 254	NPPL Product Code	Navfast Red 9062
C.I No.	56110	CAS No.	84632-65-5
EINECS No.	617-603-5	Chemical Type	DPP
Molecular Formula	C18H10Cl2N2O2	Molecular Weight	357
Chemical Name: Bis - ( p - chlorophenyl ) - 1, 4 - diketopyrrolo ( 3, 4 - c ) pyrrole			

**Physical Properties**

Sieve Residue (PPM) Max	500
Oil Absorption (gms)	35-45
Bulk Density (gm/ml)	0.20-0.45
Salt Content (%) Max.	1
Moisture Content (%) Max	1
PH Value	6.0 – 9.0

**Mass Tone : 0.2%**

**Tint Tone : 1:10 Ratio**

**Fastness properties**

Heat °C	PP- Mass Tone	300°C / 5 min
Heat °C	PP- Tint Tone	300°C / 5 min
Light	Mass Tone	8
Light	Tint Tone	8
Weather	Mass Tone	---
Weather	Tint Tone	---
Migration		5

**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
Migration : Scale 1- 5	1~Poor & 5~Excellent
Heat Stability °C	DE ≤ 3 at Maximum Temp. With dwell time 5 Minutes

**Application**

UV curing (Offset)	NC alcohol / Polyvinyl butyral
PVC / Rubber / Fiber	Water based
Decorative Paints	UV curing ( Flexo ) / Decorative laminates
Stoving Paint	UV curing (Offset)
PP / HDPE / LDPE	Powder Coating
Textile Printing	

**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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