


**TECHNICAL DATA SHEET**

Date: 01.01.2023

Revision : 04

**Product Description**

C.I Generic Name	SCARLET CHROME (PR 104)	NPPL Product Code	Navfast Scarlet Chrome 7003
C.I No.	77605	CAS No.	12656-85-8
EINECS No.	235-759-9	Chemical Type	Molybdenum
Molecular Formula	PbCrO <sub>4</sub> , PbMoO <sub>4</sub> , PbSO <sub>4</sub>	Molecular Weight	994 g/mol
Chemical Name: Lead chromate molybdate sulfate red			

**Physical Properties**

Residue on 325 mesh sieve % by mass max.	0.5
Oil Absorption	10 - 40
Salt Content (%) Max.	1
Moisture Content (%) Max.	1
Conductivity $\mu$ S/CM (max)	500
Relative density	4.2

**Fastness properties**

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

**Application**

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

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

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**Solvent Fastness properties**

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

**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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ISO 9001 : 2015



ISO 14001 : 2015



CIN No: U24220GJ1998PTC033736