



## Technical Data Sheet

Date : 01.06.2025

Revision : 06

### Product Description

C.I Generic Name	Pigment Red 170 (F5RK)	NPPL Product Code	Navfast Red 9013
C.I No.	12475	CAS No.	2786-76-7
EINECS No.	220-509-3	Chemical Type	Naphthol AS
Molecular Formula	C26H22N4O4	Molecular Weight	243.28
Chemical Name: 4-[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide			

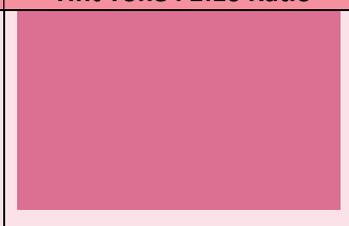
### Physical Properties

Sieve Residue (PPM) Max.	500
Oil Absorption (%)	55 - 70
Bulk Density (gms/cc)	0.20 – 0.35
Salt Content (%) Max.	1
Moisture Content (%) Max.	1
PH Value	5.5 - 8

### Mass Tone : 5%



### Tint Tone : 1:10 Ratio



### Fastness properties

Heat °C	200-270
Light Mass Tone	8
Light Tint Tone	7
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
Overspray : Scale 1- 5	1~Poor & 5 ~ Excellent
Solvent Fastness: Scale 1- 5	1~Poor & 5 ~ Excellent

### Application

Sheetfed	Powder Coating
Metal Deco	PP/HDPE/LDPE
Water Based Flexo	Refinish
Vinyl	Textile
Stoving Paint / Decorative	Air Drying Enamel

**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.

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