

A Pigment of Your Imagination



**NAVPAD**  
PIGMENTS

**TECHNICAL DATA SHEET**

Date:01.11.2020

Revision : 02

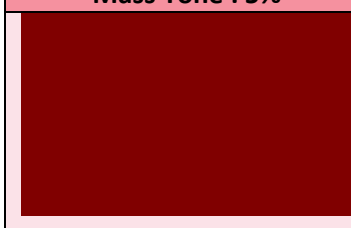
**Product Description**

C.I Generic Name	PIGMENT RED 170 (F3RK)	NPPL Product Code	PL-9012
C.I No.	12475	CAS No.	2786-76-7
EINECS No.	220-509-3	Chemical Type	Naphthol AS
Molecular Formula	C26H22N4O4	Molecular Weight	454.5
Chemical Name: 4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide			

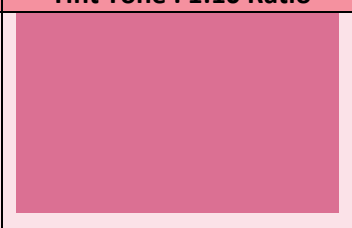
**Physical Properties**

Sieve Residue (PPM) Max.	1000
Oil Absorption(gms)	55 - 70
Bulk Density(gm/ml)	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		260
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**

PP / HDPE / LDPE	•
Engineering Polymers	0
PVC	0
Rubber / Fiber	•
Textile	•
•	Suitable
0	Limited Suitability

**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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CIN No: U24220GJ1998PTC033736

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