


TECHNICAL DATA SHEET

Date:01.11.2020

Revision : 02

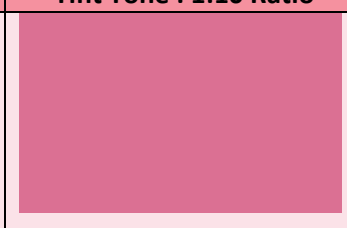
Product Description

C.I Generic Name	PIGMENT RED 170 (F3RK)	NPPL Product Code	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	o
PVC	o
Rubber / Fiber	•
Textile	•
•	Suitable
o	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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