

REACH Status : Pre Registered

Date : 13.02.2013

Revision: 01

Product Description

CI Generic Name	Pigment Red 48:2	PIL Product Code	PRPL 1023T
CI No.	15 865:2	CAS No.	7023-61-2
EINECS No.	230-303-5	Chemical Type	BONA,Ca
Molecular Formula	C18H13CLN2O6S-Ca	Molecular Weight	459

Chemical Name: 2-Naphthalenecarboxylic acid, 4-[(5-chloro-4-methyl-2-sulphophenyl)azo]-3-hydroxy-, calcium salt (1:1)

Physical Properties

Sieve Residue (PPM) Max.	1000
Oil Absorption(gms)	65 - 75
Bulk Density(gm/ml)	25 - 35
Salt Content (%) Max.	1
Moisture Content (%) Max.	1
PH Value	6.4 - 9.1

Mass Tone : 0.2%

Tint Tone : 1:10 Ratio



Fastness properties

Heat °C	PP-Mass Tone	200°C / 5 min.
Heat °C	PP-Tint Tone	210°C / 5 min.
Light	Mass Tone	7
Light	Tint Tone	6
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

PVC, PP, HDPE, LDPE, LLDPE, Rubber, PS

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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