

REACH Status : Pre Registered

Date : 13.02.2013

Revision: 01

Product Description

CI Generic Name	Pigment Red 48:3	PIL Product Code	PRPL 1024
CI No.	15865:3	CAS No.	15782-05-5
EINECS No.	239-879-2	Chemical Type	BONA, Sr
Molecular Formula	C18H13CLN2O6S-Sr	Molecular Weight	508

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

Physical Properties

Sieve Residue (PPM) Max.	1000
Oil Absorption(gms)	60 - 75
Bulk Density(gm/ml)	15 - 30
Salt Content (%) Max.	1
Moisture Content (%) Max.	1
PH Value	7.0 – 8.5

Mass Tone : 0.2%**Tint Tone : 1:10 Ratio****Fastness properties**

Heat °C	PP-Mass Tone	240°C / 5 min.
Heat °C	PP-Tint Tone	220°C / 5 min.
Light	Mass Tone	6
Light	Tint Tone	4
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

Plasticized & rigid PVC , LDPE,LLDPE,PP,HDPE,Rubber,ABS, spin dyeing , PS , PU

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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