

REACH Status : Pre Registered

Date : 13.02.2013

Revision: 01

Product Description

| | | | |
|-------------------|----------------------------|------------------|----------------------|
| CI Generic Name | Pigment Red 53:1 | PIL Product Code | PRPL 1028 |
| CI No. | 15585:1 | CAS No. | 5160-02-1 |
| EINECS No. | 225-935-3 | Chemical Type | Naphthol , Ba |
| Molecular Formula | C17H13CLN2O4S.1/2Ba | Molecular Weight | 889 |

Chemical Name: Benzenesulfonic acid , 5-chloro - 2 - [(2-hydroxy - 1 - naphthalenyl)azo] -4- methyl - , barium salt (2:1)

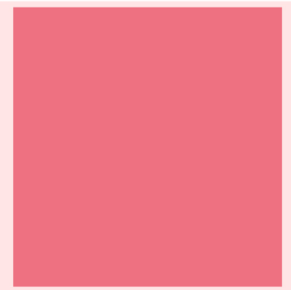
Physical Properties

| | |
|---------------------------|-----------|
| Sieve Residue (PPM) Max. | 1000 |
| Oil Absorption(gms) | 60 - 75 |
| Bulk Density(gm/ml) | 25 - 45 |
| Salt Content (%) Max. | 1 |
| Moisture Content (%) Max. | 1 |
| PH Value | 6.5 – 8.0 |

Mass Tone : 0.2%



Tint Tone : 1:10 Ratio



Fastness properties

| | | |
|-----------|--------------|----------------|
| Heat °C | PP-Mass Tone | 250°C / 5 min. |
| Heat °C | PP-Tint Tone | 250°C / 5 min. |
| Light | Mass Tone | 3 |
| Light | Tint Tone | 2-3 |
| Weather | Mass Tone | - |
| Weather | Tint Tone | - |
| Migration | | 4-5 |

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, PS, PP,HDPE,LDPE , LLDPE , PMMA , ABS , PC ,Rubber

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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