



PRASAD INTERNATIONAL LIMITED



REACH Status : Pre Registered

Date : 21.03.2014

Revision : 02

Product Description

| | | | |
|-------------------|--------------------------|------------------|------------------------------------|
| CI Generic Name | Pigment Blue 15:4 | PIL Product Code | PRIN 1081 |
| CI No. | 74160 | CAS No. | 147-14-8 |
| EINECS No. | 205-685-1 | Chemical Type | Cu,Phthalo Blue, Beta-Modification |
| Molecular Formula | C32H16CuN8 | Molecular Weight | 576 |

Chemical Name: Copper,[29H-phthalocyanineato(2-)-N29,N30,N31,N32]-,(SP-4-1)-

Physical Properties

| | |
|---------------------------|---------|
| Sieve Residue (PPM) Max. | 1000 |
| Oil Absorption(gms) | 45 - 60 |
| Bulk Density(gm/ml) | 25 - 40 |
| Salt Content (%) Max. | 1 |
| Moisture Content (%) Max. | 1 |

Mass Tone : 5%



Tint Tone : 1:9 Ratio



Fastness properties

| | |
|-------------------|-----|
| Heat °C | 200 |
| Light Mass Tone | 7-8 |
| Light Tint Tone | 7-8 |
| Weather Mass Tone | 5 |
| Weather Tint Tone | 4-5 |
| Overspray | 4-5 |

Solvent Fastness properties

| | |
|----------------|---|
| Water | 5 |
| Acid | 5 |
| Alkali | 5 |
| Ethanol | 5 |
| MEK | 4 |
| Mineral Spirit | 5 |

Application

| | |
|--------------------------------|---------------------|
| Offset Inks | • |
| Publication Gravure | • |
| Packaging Inks [solvent-based] | • |
| Packaging Inks [water-based] | • |
| • | recommended |
| ◦ | limited suitability |

Specification

| | |
|----------------------------------|------------------------|
| Coloristic properties | Strength : ± 5 % |
| Coloristic properties | 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 |
| Solvent Fastness: Scale 1- 5 | 1~Poor & 5 ~ Excellent |

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.

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our Product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

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