



PRASAD INTERNATIONAL LIMITED



REACH Status : Pre Registered

Date : 01.04.2013

Revision : 01

Product Description

| | | | |
|-------------------|---------------------------|------------------|------------------|
| CI Generic Name | Pigment Yellow 151 | PIL Product Code | PRIN 1041 |
| CI No. | 13980 | CAS No. | 31837-42-0 |
| EINECS No. | 250-830-4 | Chemical Type | Benzimidazolone |
| Molecular Formula | C18H15N5O5 | Molecular Weight | 381.35 |

Chemical Name: 2-[1-[(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)amino]carbonyl]-2-oxopropyl]azo]benzoic acid.

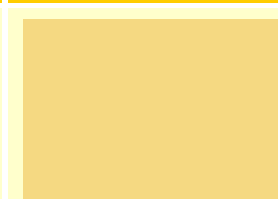
Physical Properties

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

Mass Tone : 5%



Tint Tone : 1:9 Ratio



Fastness properties

| | |
|-----------------|--------|
| Heat °C | 180 °C |
| Light Mass Tone | 6-7 |
| Light Tint Tone | 6-7 |
| | |
| | |
| | |

Solvent Fastness properties

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

Application

| | |
|--|----------------------------|
| NC alcohol / NC acetate | limited suitability |
| Polyvinyl butyral/ Decorative laminates | Recommended |
| UV curing (Flexo)/ Polyamide / Water based | Highly recommended |
| Sheetfed | limited suitability |
| Silkscreen | Recommended |
| Metal deco / UV curing (Offset) | Highly recommended |

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 |

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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