



# PRASAD INTERNATIONAL LIMITED



## REACH Status : Pre Registered

Date : 01.04.2013

Revision : 01

### Product Description

CI Generic Name	<b>Pigment Red 112</b>	PIL Product Code	<b>PRIN 1030Y</b>
CI No.	12 370	CAS No.	6535-46-2
EINECS No.	229-440-3	Chemical Type	Naphthol AS
Molecular Formula	C <sub>24</sub> H <sub>16</sub> Cl <sub>3</sub> N <sub>3</sub> O <sub>2</sub>	Molecular Weight	484.76

Chemical Name: 3-hydroxy-N-(o-tolyl)-4-[(2,4,5-trichlorophenyl)azo]naphthalene-2-carboxamide

### Physical Properties

Sieve Residue (PPM) Max.	1000
Oil Absorption(gms)	65-75
Bulk Density(gm/ml)	10-30
Salt Content (%) Max.	1
Moisture Content (%) Max.	1

### Mass Tone : 5%



### Tint Tone : 1:9 Ratio



### Fastness properties

Heat °C	140 °C
Light Mass Tone	5-6
Light Tint Tone	5-6

### Solvent Fastness properties

Water	5
Acid	5
Alkali	5
Ethanol	4-5
MEK	3-4
Mineral Spirit	4-5

### Application

NC alcohol / NC acetate	<b>Recommended</b>
UV curing (Flexo) / Polyvinyl butyral	<b>highly recommended</b>
Water based	<b>Recommended</b>
Polyamide	<b>limited suitability</b>
UV curing (Offset)	<b>highly recommended</b>
Cold /Heat set/ Sheetfed ink	<b>Recommended</b>

### 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.

**Regd. Office:** 601-602, Surya Rath, Panchvati, 1st. Lane, Opp. White House, Ambawadi, Ahmedabad-380 006, Gujarat, India  
**Phone:** +91-79-26422349/26425650 **Fax:** +91-79-26562870 **E-mail:** [techservices@prasadinternational.com](mailto:techservices@prasadinternational.com)