



PRASAD INTERNATIONAL LIMITED



REACH Status : Pre Registered

Date : 01.04.2013

Revision : 01

Product Description

CI Generic Name	Pigment Red 112	PIL Product Code	PRIN 1030Y
CI No.	12 370	CAS No.	6535-46-2
EINECS No.	229-440-3	Chemical Type	Naphthol AS
Molecular Formula	C ₂₄ H ₁₆ Cl ₃ N ₃ O ₂	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	Recommended
UV curing (Flexo) / Polyvinyl butyral	highly recommended
Water based	Recommended
Polyamide	limited suitability
UV curing (Offset)	highly recommended
Cold /Heat set/ Sheetfed ink	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

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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