



PRASAD INTERNATIONAL LIMITED



REACH Status : Pre Registered

Date : 01.04.2013

Revision : 01

Product Description

CI Generic Name	Pigment Yellow 1	PIL Product Code	PRIN 1005
CI No.	11 680	CAS No.	2512 – 29 - 0
EINECS No.	219-730-8	Chemical Type	Monoazo Yellow
Molecular Formula	C17H16N4O4	Molecular Weight	340.33334

Chemical Name: 2-[(4-methyl-2-nitrophenyl)azo]-3-oxo-N-phenylbutyramide

Physical Properties

Sieve Residue (PPM) Max.	1000
Oil Absorption(gms)	50 - 70
Bulk Density(gm/ml)	20 - 35
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	6
Light Tint Tone	6-7

Solvent Fastness properties

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

Application

NC alcohol	Recommended
Water based / Polyamide / UV curing (Flexo)	Highly recommended
Polyvinyl butyral / NC acetate	limited suitability
Sheetfed	Highly recommended
UV curing (Offset)	Highly recommended
Silkscreen	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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