



# PRASAD INTERNATIONAL LIMITED



## REACH Status : Pre Registered

Date : 01.04.2013

Revision : 01

### Product Description

CI Generic Name	Pigment Yellow 83	PIL Product Code	<b>PRIN 1015 T</b>
CI No.	21 108	CAS No.	5567-15-7
EINECS No.	226-939-8	Chemical Type	Diarylide Yellow
Molecular Formula	C36H32Cl4N6O8	Molecular Weight	818.49

Chemical Name: 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxobutyramide]

### Physical Properties

Sieve Residue (PPM) Max.	1000
Oil Absorption(gms)	75-85
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	180 °C
Light Mass Tone	5
Light Tint Tone	5

### Solvent Fastness properties

Water	5
Acid	5
Alkali	5
Ethanol	4.5
MEK	3-4
Mineral Spirit	5

### Application

NC alcohol / NC acetate	<b>Highly recommended</b>
UV curing (Flexo)	<b>Highly recommended</b>
Water based /	<b>Recommended</b>
Sheetfed / UV curing (Offset)	<b>Highly recommended</b>
Heatset	<b>Recommended</b>
Metal deco	<b>limited suitability</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

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