



# PRASAD

## INTERNATIONAL LIMITED



### REACH Status : Pre Registered

#### Product Description

CI Generic Name	Pigment Yellow 83	PIL Product Code	PRPL 1015 T
CI No.	21108	CAS No.	5567 – 15 - 7
EINECS No.	226 – 939 - 8	Chemical Type	Diarylide Yellow
Molecular Formula	C36H32Cl4N6O8	Molecular Weight	818

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

#### 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
PH Value	4.4 – 6.9

#### Mass Tone : 0.2 %



#### Tint Tone : 1:10 Ratio



#### Fastness properties

Heat °C	PP-Mass Tone	200°C
Heat °C	PP-Tint Tone	200°C
Light	Mass Tone	7
Light	Tint Tone	6-7
Weather	Mass Tone	–
Weather	Tint Tone	–
Migration		5

#### 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
Migration : Scale 1- 5	1~Poor & 5 ~ Excellent
Heat Stability °C	DE≤ 3 at Maximum Temp with dwell time 5 minutes.

#### Application

Plasticized & rigid PVC , cable sheathing compounds, PO, PUR, PAN spin dyeing , RUBBER

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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