

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

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