





**REACH Status : Pre Registered**

**Product Description**

CI Generic Name	<b>Pigment Yellow 13</b>	SI Product Code	<b>SO-PL 1008 O</b>
CI No.	<b>21 100</b>	CAS No.	<b>5102-83-0</b>
EINECS No.	<b>225 – 822 - 9</b>	Chemical Type	<b>Diarylide Yellow</b>
Molecular Formula	<b>C36H34Cl2N6O4</b>	Molecular Weight	<b>686</b>
Chemical Name: Butanamide,2,2'-[(3,3'-dichloro{1,1'-biphenyl}-4,4'diyl)bis(azo)]bis[N-(2,4-dimethylphenyl)]-3-oxo			

Physical Properties	
Sieve Residue (PPM) Max.	1000
Oil Absorption(gms)	60 - 75
Bulk Density(gm/ml)	20 - 30
Salt Content (%) Max.	1
Moisture Content (%) Max.	1
PH Value	5.2 – 7.5

Mass Tone : 0.2 %	Tint Tone : 1:10 Ratio
	

Fastness properties		
Heat °C	PP-Mass Tone	200°C / 5 min.
Heat °C	PP-Tint Tone	200°C / 5 min.
Light	Mass Tone	6-7
Light	Tint Tone	6
Weather	Mass Tone	-
Weather	Tint Tone	-
Migration		3

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.LDPE,LLDPE, RUBBER,PUR / PP , HDPE

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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