

REACH Status : Pre Registered

Date : 01.04.2013

Revision : 01

Product Description

CI Generic Name	Pigment Yellow 12	PIL Product Code	PRIN 1007
CI No.	21 090	CAS No.	6358-85-6
EINECS No.	228-787-8	Chemical Type	Diarylide Yellow
Molecular Formula	C32H26CL2N6O4	Molecular Weight	630
Chemical Name: Butanamide,2,2,-[3,3-dichloro{1,1-biphenyl}-4,4'-diyl]bis(azo)bis[3-oxo-N-phenyl			

Physical Properties

Sieve Residue (PPM) Max.	1000
Oil Absorption(gms)	60 - 75
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	4

Solvent Fastness properties

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

Application

NC alcohol / NC acetate	Recommended
Water based	Recommended
Polyvinyl butyral / UV curing (Flexo)	highly recommended
Metal deco	limited suitability
Sheetfed	Recommended
Heatset / Coldset/ UV curing (Offset)	highly 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.

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