


TECHNICAL DATA SHEET

Date: 01.11.2020

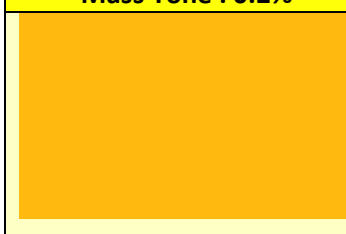
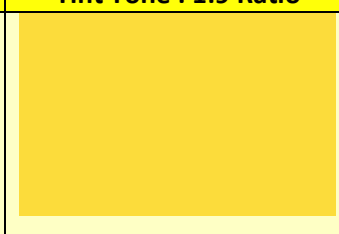
Revision : 02

Product Description

C.I Generic Name	PIGMENT YELLOW 83	NPPL Product Code	PL-9034
C.I No.	21108	CAS No.	5567-15-7
EINECS No.	226-939-8	Chemical Type	Diarylide
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-oxobutylamide]			

Physical Properties

Sieve Residue (PPM) Max.	1000
Oil Absorption(gms)	75-85
Bulk Density(gm/ml)	0.25-0.30
Salt Content (%) Max.	1
Moisture Content (%) Max.	1
PH Value	4.4-6.9

Mass Tone : 0.2%

Tint Tone : 1:9 Ratio

Fastness properties

Heat °C	Mass Tone	380-420
Heat °C	Tint Tone	200
Light	Mass Tone	7
Light	Tint Tone	6
Weather	Mass Tone	--
Weather	Tint Tone	--
Migration		5

Specification

Coloristic properties - Tint	Strength : ± 5 %
Coloristic properties - Tint	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

Application

PP / HDPE / LDPE	•
PVC	•
Rubber / Fiber	•
Textile	•
•	Suitable
o	Limited Suitability

Note: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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