



REACH Status : Pre Registered

Date : 01.01.2018

Revision: 04

Product Description

CI Generic Name	Pigment Yellow 180	PIL Product Code	PRPL 1049
CI No.	21 290	CAS No.	77804-81-0
EINECS No.	278-770-4	Chemical Type	Benzimidazolone
Molecular Formula	C36H32N10O8	Molecular Weight	732.78

Chemical Name: 2,2'-[ethylenebis(oxyphenyl-2,1-eneazo)]bis[N-(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)-3-oxobutyramide]

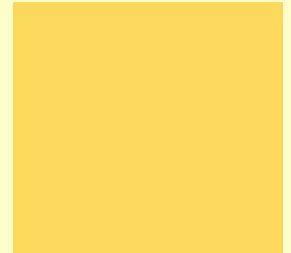
Physical Properties

Sieve Residue (PPM) Max.	1000
Oil Absorption(gms)	85 - 100
Bulk Density(gm/ml)	0.15 – 0.30
Salt Content (%) Max.	1
Moisture Content (%) Max.	1
PH Value	

Mass Tone : 0.2 %



Tint Tone : 1:10 Ratio



Fastness properties

Heat °C	PP-Mass Tone	270°C / 5 min.
Heat °C	PP-Tint Tone	300°C / 5 min.
Light	Mass Tone	6-7
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

PVC,PO , Rubber , PS , ABS , PC , POM , PA , PBT , PUR , FIBERS-PP & PAN

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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