

TECHNICAL DATA SHEET

Date:01.11.2020

Revision : 02

Product Description

C.I Generic Name	PIGMENT YELLOW 151	NPPL Product Code	IN-9015
C.I No.	13980	CAS No.	31837-42-0
EINECS No.	250-830-4	Chemical Type	Benzimidazolone
Molecular Formula:	C18H15N5O5	Molecular Weight	381.35
Chemical Name: 2-[1-[(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)amino]carbonyl]-2-oxopropyl]azo]benzoic acid			

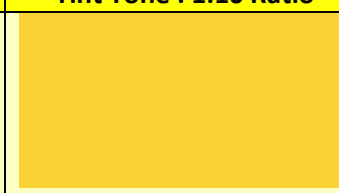
Physical Properties

Sieve Residue (PPM) Max.	1000
Oil Absorption (gms)	35-45
Bulk Density (gm/ml)	0.15-0.30
Salt Content (%) Max.	1
Moisture Content (%) Max.	1
PH Value	7 ± 1

Mass Tone : 5%



Tint Tone : 1:10 Ratio



Fastness properties

Heat °C	Mass Tone	270
Heat °C	Tint Tone	270
Light	Mass Tone	8
Light	Tint Tone	7
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
Overspray : Scale 1- 5	1~Poor & 5 ~ Excellent
Solvent Fastness: Scale 1- 5	1~Poor & 5 ~ Excellent
Heat Stability °C	DE</=3 at Maximum temp.

Application

Vinyl Ink	•
NC Ink	•
PA Ink	•
NC / PU & NC/ PA Ink	•
CLPP Ink	•
•	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.



CIN No: U24220GJ1998PTC033736

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