PRASAD

INTERNATIONAL PVT. LTD.,

REACH Status : Pre Registered

Date : 01.04.2016 **Revision: 03**

Product Description

CI Generic Name	**Pigment Blue 15:3**	PIL Product Code	**PRPL 1004G**
CI No.	**74160**	CAS No.	**147-14-8**
EINECS No.	**205-685-1**	Chemical Type	**Cu,Phthalo Blue, Beta-Mod.**
Molecular Formula	**C32H16CuN8**	Molecular Weight	**576**

Chemical Name: Copper,[29H , 31H-phthalocyanineato(2-)-N29,N30,N31,N32]-,(SP-4-1)-

Physical Properties	
Sieve Residue (PPM) Max.	1000
Oil Absorption(gms)	45 - 60
Bulk Density(gm/ml)	25 - 40
Salt Content (%) Max.	1
Moisture Content (%) Max.	1
PH Value	5.5 – 8.5

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

Fastness properties		
Heat °C	PP-Mass Tone	300°C / 5 min.
Heat °C	PP-Tint Tone	300°C / 5 min.
Light	Mass Tone	8
Light	Tint Tone	8
Weather	Mass Tone	5
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 Temp. with dwell time 5 minutes.

Application

Coating, PVC, Cable sheathing compounds, rubber, PO, PS, Engineering plastics, PP, PET, PA6 and PAN spin dyeing.

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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