



## PIGMENT GREEN 7 (GNX-PL)

### Product Description

Phthalocyanine pigment with excellent fastness and Dispersion properties.Suitable for most plastics

### Product Information

Chemical Type	Phthalocyanine
C.I.Name	Pigment Green 7
C.I.Constitution No.	74260
CAS No.	1328-53-6
Physical	Green Powder

### Application Profile

Poly olefins	*
Engineering Plastics	*
PVC&PVC Leather Cloth	*
Spum Fiber-PP	*
Spum Fiber-Nylon	0
Spum Fiber-PET	0

\* Recommend/o Potential Use/--Not Recommended

### Technical Performance

Heat stability : 300 deg C  
Bleeding Fastness : 5  
Weather Resistance(FT/RT) : 5/5  
Light Fastness (FT/RT) : 8/8

### Physical Properties

Oil Absorption	30+10 %
Specific Gravity	2.00+0.1
Bulk Density (g/ml)	0.42+0.1
pH Value	6-8
Volatile Matter	1.5% max
Resistance to Acid	5
Resistance to Alkali	5
Fastness to bleeding in PVC-P	5
Specific Surface Area	-
Average size of primary Particle	-

\* Light Fastness:The Fastness to light be determined on injection molded plastic swatches of approximately a mm thickness. Test swatches exposed in QUV and visual rating given on 1 to 8 Blue Wool scale where 1='poor' and 8='Excellent'.

\* Weather fastness : The fastness to weather is determined on injection molded plastic swatches exposed in Xenon Arc For 1000 hrs.and the visual rating given on 1 to 5 Grey scale where 1='poor' and 5 = 'Excellent'.

\*Heat stability : The Heat stability indicated is the maximum temperature in c' at which a change of color (DE<3)occurs after adwell time of 5 minutes in the barrel of an injection molding machine as per DIN EN 12877-1

\*Oil absorption:The oil absorption was determined on the basis of EN ISO 787-5 and giving linseed oil per 100 gm.Pigment.

\*Bleeding Fastness.The fastness to bleeding in PVC-P is determined on a colored PVC film in contact with a white-pigmented PVC film in an oven at 140 c' for 2 hrs. and the visual rating given on 1 to 5 Grey scale where 1='poor' and 5 = 'Excellent'.

The above information is for guidance only and to the best of our knowledge it is accurate and reliable. However.As use conditions are not within our control.No generate this date can be provided on request.

Issue no. 02/Aug-15