

Veeto Hobbies India

Plot no. 413, HSIIDC Industrial Area (Saha)

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TECHNICAL DATA SHEET

NIGHT GLOW PIGMENT PREMIUM GREEN

Article Designation:	Photoluminescent Pigment
Article Name & No.	NIGHT GLOW PIGMENT PREMIUM GREEN, 60~70um
Product group	Inorganic Photoluminescent Pigments for visible effects
Main use	After glowing plastic sheets, silk screen printing ink, paints, textile pastes, etc.
Typical chemical properties	
Composition	alkaline earth aluminosilicate
Formula:	$SrO \cdot xAl_2O_3 \cdot ySiO_2 \cdot Eu$ (Me=Ca、Mg、Sr、Ba; $x=0.5-2.0$, $y=0.05-1.0$)
Insoluble in	Organic Solvents
Typical physical properties	
Appearance	Yellowish
Specific gravity	$3.6g/cm^3$
Average Particle Size	
Temperature resistance	$850^\circ C$
Typical luminescent properties	
Excitation	UV radiation, white light (any visible light)
Excitation wavelength	200~450nm
Peak value	520nm
Glowing Color	Yellow-green
Brightness of afterglow	14-16 hours
According to DIN67510, Part1	
Brightness testing report	

Item	NIGHT GLOW PIGMENT PREMIUM GREEN
Time(minute)	Brightness (mcd/m ²)
1	5000
2	2510

10	781
30	295
60	126
12100	0.32

NOTE:

Brightness of the pigment from different production batches can have a variation of $\pm 3\%$, but the product accords with our quality standard.

Disclaimer: The above information is true to the best of our knowledge. We shall however, not be responsible for any loss, injury or damage that may result from the use of this information.