

Veeto Hobbies India

Plot no. 413, HSIIDC Industrial Area (Saha)

Ambala (Harayana)

Website: www.veeto.co.in, E-mail: veetohobbies@hotmail.com

TECHNICAL DATA SHEET

NIGHT GLOW PIGMENT PREMIUM PEACOCK BLUE BL-101

Article Designation: Photoluminescent Pigment
Article Name & No. NIGHT GLOW PIGMENT PREMIUM PEACOCK BLUE BL-101, 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: $\text{SrO} \cdot x\text{Al}_2\text{O}_3 \cdot y\text{SiO}_2 \cdot \text{Eu}$
(Me=Ca、Mg、Sr、Ba; $x=0.5-2.0$, $y=0.05-1.0$)

Insoluble in Organic solvents

Typical physical properties

Appearance Pale White
Specific gravity 3.6g/cm^3
Average Particle Size
Temperature resistance 850°C

Typical luminescent properties

Excitation UV radiation, white light (any visible light)
Excitation wavelength 200~450nm
Peak value 520nm
Glowing Color Blue-green
Brightness of afterglow 14-16 hours

According to DIN67510, Part1

Brightness testing report

Item	NIGHT GLOW PIGMENT PREMIUM PEACOCK BLUE BL-101
Time(minute)	Brightness (mcd/m ²)
1	4500

2	2410
10	681
30	245
60	110
12100	0.29

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.