

Veeto Hobbies India

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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 Inks, 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	Pale White
Specific gravity	3.6g/cm ³
Average Particle Size	
Temperature resistance	850℃
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: It is strongly recommended to test our product in the desired applications, before final production. 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.