

# Veeto Hobbies India

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## TECHNICAL DATA SHEET

### NIGHT GLOW PIGMENT - RED

Article Designation:	Photoluminescent Pigment
Article Name & No.	NIGHT GLOW PIGMENT RED, 40~55µm
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	
Insoluble in	Organic Solvents
Typical Physical Properties	
Appearance	Light Orange
Average Particle Size	40~55µm
Typical luminescent properties	
Excitation	UV radiation, white light (any visible light)
Glowing Color	Red
Brightness of afterglow	2-3 hours
Brightness testing report	

Item	NIGHT GLOW PIGMENT -RED
Time(minute)	Brightness (mcd/m <sup>2</sup> )
<b>1</b>	<b>1200</b>
<b>10</b>	<b>189</b>
<b>30</b>	<b>59</b>
<b>60</b>	<b>20</b>

*Note:*

*Test standard: DIN67510 Part 1*

*1) Excited by light source D65 1000Lx for 10mins;*

*2)The afterglow time indicates the time during which the pigment declines to 0.32 mcd/m<sup>2</sup>*

*3) The error about  $\pm 10\%$  is allowed in above data.*

**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.