

# Veeto Hobbies India

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## Technical Data Sheet

### Night Glow Pigment Royal Blue (BL 110)

Main use: Long afterglow products according to DIN 67510 part 4

Useable for: Solvent based paints and inks, thermoplastics, thermosetting plastics, enamels, ceramics

#### Typical Chemical Properties

Composition: alkaline earth silicate

Insoluble in: alkalis, organic solvents

Decomposition by: acids, water

#### Typical Physical Properties

Appearance: light white powder

Specific gravity 3.0 g/cm<sup>3</sup>

Particle size distribution: d<sub>50</sub> = max. 22±6µm

d<sub>90</sub> = ≤ 60µm, (as determined by COULTER Laser sizer 230)

#### Typical Luminescent Properties

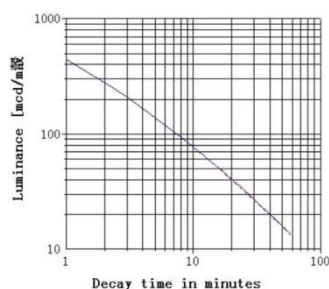
Excitation: white light, UV radiation

Color of fluorescence: Blue

Color of phosphorescence: Blue

Reference criterion to DIN 67510, part 1: min. 77/13-2376

#### Typical Decay Curve



#### Typical intensity of afterglow according to the German norm DIN 67510-1:

Photoluminescent pigments and products - Part 1:

Measurement and marking at the producer

after 5 minutes: 138 mcd/m<sup>2</sup>

after 10 minutes: 77 mcd/m<sup>2</sup>

after 60 minutes: 13 mcd/m<sup>2</sup>

after 120 minutes: 6 mcd/m<sup>2</sup>

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**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.