

# UNIQUE GLO

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## Technical Data Sheet

**PLG-12GB / Blue-Green**

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### Product Description: Photoluminescent pigment.

#### Typical chemical properties:

Chemical Family Name : Alkaline earth metal aluminates oxide. Europium doped.

Formula: SrAl<sub>2</sub>O<sub>4</sub>: Eu, Dy, B

Insoluble In: alkali's, Organic solvents

Decomposition by: acids, water

#### Typical physical properties:

Appearance: Light Yellow Powder

Specific gravity: 3.4g/cm<sup>3</sup>

Particle size distribution: D50=max.50um

Screen analysis: Max. 1% oversized particles on 78um testing Screen

#### Typical of light source :

Excitant luminance: 1000 lx, D65 standard

Excitant Time: 10min

Temperature: 25°C

Measurement according to Din 67 510 Part 1

Afterglow Intensity after (mcd/m<sup>2</sup>) (45-55) Micron Size = 10min – 440 / 60 Min. 75

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