

UNIQUE GLO

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Technical Data Sheet

PLG-12GB / Yellow-Green

Date: April 23,

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Product Description: Photoluminescent pigment.

Typical chemical properties:

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

Formula: SrAl₂O₄: Eu, Dy, B

Insoluble In: alkali's, Organic solvents

Decomposition by: acids, water

Typical physical properties:

Appearance: Light Yellow Powder

Specific gravity: 3.4g/cm³

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/m²) (45-55) Micron Size = 10min – 450 / 60 Min. 70

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