
UNIQUE GLO

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Technical Data Sheet

PLP-03GP / Purple

Date: April 23, 2013

Product Description: Photoluminescent pigment.

Specific Code: PLP-03GP

Color Purple Glow

Typical chemical properties:

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

Formula: $\text{YSr}_2\text{Al}_7\text{O}_{14}:\text{Eu,Dy,B}$

Insoluble In: alkalis', Organic solvents

Decomposition by: acids, water

Typical physical properties:

Appearance: White

Specific gravity: 3.0g/cm³

Particle size distribution: d₅₀=max.40um

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

Typical of light source :

Excitant luminance: 1003 lx, D65 standard

Excitant Time: 10min

Temperature : 20°C

Measurement according to Din 67 510 Part 1

Afterglow intensity after (mcd/m²) (45-75) Microns Size = 10 Min. 28 / 60 Min. 5

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