

# UNIQUE GLO

PO Box 404, Manteno, IL. 60950, Phone: (815)545-7650

E-mail: [ebrooks2000@hotmail.com](mailto:ebrooks2000@hotmail.com) or [r.allman@att.net](mailto:r.allman@att.net)

## Technical Data Sheet

### PLG - Neon Series

Date: April 23,

2013

### Product Description: Photoluminescent pigment

**Colors Include** : GFR/Red, GFY/Orange, GFY/Yellow, GFG/Green, GFB/Blue, GFPK/Pink, GFPR/Purple.

#### Typical chemical properties:

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

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

Insoluble In : alkalis', organic solvents

Decomposition by : acids

#### Typical physical properties:

Appearance : Various Colors, Powders

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

Particle size distribution: D50=max.30um

Screen analysis: Max. 1% oversized particles on 63um testing Screen

#### Typical of light source :

Excitant luminance: 1001 lx, D65 standard

Excitant Time: 10min

Temperature : 24°C

Measurement according to Din 67 510 Part 1

Afterglow intensity after ( mcd/m<sup>2</sup>) (25-35) Micron Size = 10 Min. 140-200 / 60 Min. 20-26

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