

GlowUp JOLIN CORPORATION

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Item

Product Description Photoluminescent pigment

Model YG-LL2-RW

Application Scopes

Specially designed for high temperature using industries, such as ceramic, glass, etc.

Typical chemical properties

Composition Strontium Aluminate dopped with Europium Dysprosium oxides.

Insoluble in organic solvents, water

Strong acids, strong alkalines Decomposition by

-40~850°C Fastness to heat

Typical physical properities

Appearance Yellowish crystal powder

Specific gravity 3.6g/cm3 **Bulk Density** 1.21g/cm3

Particle size distribution 100~120um. 100% passing 100mesh.

Typical luminescent properties

Excitation all visible light and UV light (200~450nm better)

Glow Color Yellow green (Emitting light Wavelength Peak: 520±2nm)

Afterglow Intensity after 10min >840

> 60min >110.0 600min >6.65

Afterglow intensity(to 0.32mcd/m2): >8520min under norm DIN67 510

Typical luminance data

Time	10"	1'	2'	3'	4'	5'	10'	15'	20'	30'	40'	50'	60'	90'	120'	180'	300'	600'
mcd/m2	####	6412	3801	2715	2122	1741	923	619	458	290	205	153	124	76.1	55.3	33.5	17.6	7.08

Luminance Test Methods	Under Norm DIN67510-1:2009 Put sample in opaque container for 24hrs, Temperature: 23±2°C, expose the sample under 1000lx-D65 light source for 5', then turn off the light and test the sample's afterglow luminance at 2', 10', 30', and 60'.
Luminance Test Instruments	 Charging Light Source D65 Xenon Lamp Charging Lamp Model Toshiba FL20S.D-EDL-D65 Test Instruments Model Luminance Meter: Konica Minolta LS-150 Illuminance Meter: Konica Minolta T-10A

Lifespan: >15 years under well packing condition.

Safety:

1. Toxic:

Other data:

Using Condition(recommended):
 With all colorless, transparent medium, such as paint, coating, resin, etc.

2. Storage Condition: In cool, dry and ventilated place, with temperature -50 \sim 60 $^{\circ}$ C

3. Packing: 25kgs /iron pail lined with plastic bags. G.W.: 26.6kgs, Dim: D31 x H34cm

2. Radioactive: NO.

20'Container FCL Q'ty: 11250kgs(palletized)
4. Norm Complied: EN71-3, RoHS, DGM.

5. Norm MEET: PSPA Class-E, JIS-Z9107 JC. IMO A.752(18), ISO 23601, UL924, ASTM E2030/E2072/E2073,

> ATPA SS-PS-002-98/SS-PS-004-99, BS 5499-1 2002, NYC Law 26