



JOLIN CORPORATION

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Version No. 01

Item

Product Description Photoluminescent pigment
Model **YG-B2-RW**

Application Scopes

Screen printing ink, brush/roller/spraying paint indoors, dip plastic coating, injection/extrusion/casting plastic, silicone rubber molding, etc.

Typical chemical properties

Composition Strontium Aluminate doped with Europium Dysprosium oxides.
Insoluble in organic solvents, water
Decomposition by Strong acids, strong alkalines
Fastness to heat -40~850°C

Typical physical properties

Appearance Yellowish crystal powder
Specific gravity 3.6g/cm³
Bulk Density 1.21g/cm³
Average Particle Size 25-35um.

Typical luminescent properties

Excitation all visible light and UV light (250~450nm better)
Glow Color Blue green (Emitting light Wavelength Peak: 490±2nm)
Afterglow Intensity after 10min >260 mcd/m²
60min >35.0 mcd/m²
600min >2 mcd/m²

Afterglow intensity(to 0.32mcd/m²): >3120min 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/m ²	6320	2081	1198	847	662	677	276	187	138	88	63	49	40	24	17	10.3	5.37	2.15

Lifespan: >15years under well packing condition.

Safety:

1. Toxic: NO.
2. Radioactive: NO.

Other data:

1. 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 -50~60°C
- 20'Container FCL Q'ty: 11250kgs(palletized)
5. Norm Complied: EN71-3, RoHS, DGM.
6. Norm MEET: PSPA Class-C, JIS-Z9107 JB.
IMO A.752(18), ISO 23601, UL924,
ASTM E2030/E2072/E2073,

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

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