



JOLIN CORPORATION

大连九霖科技发展有限公司

Tel: +86-411-82479399/ 82479385/ 82479386

Fax: +86-411-82479390

http:// jolingroup.com

Email: jolin@jolingroup.com

Version No. 01

Item

Product Description Photoluminescent pigment
Model **YG-SF-D15**

Application Scopes

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

Typical chemical properties

Composition Strontium Aluminate doped with Europium Dysprosium oxides.
Insoluble in organic solvents
Decomposition by Strong acids, alkalines, water
Fastness to heat -40~500°C

Typical physical properties

Appearance Yellowish crystal powder
Specific gravity 3.6g/cm³
Bulk Density 1.16g/cm³
Average Particle Size 5-10um

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	2 minutes	10 minutes	30 minutes	60 minutes
mcd/m ² ≥	650	160	50	20

Afterglow intensity(to 0.32mcd/m²): >1990min under norm DIN67 510

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

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	3673	1209	696	492	384	315	163	109	80.2	51.3	37	28.5	23	14.1	9.91	5.99	3.12	1.26

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

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

20'Container FCL Q'ty: 11250kgs(palletized)

4. Norm Complied: EN71-3, RoHS, DGM.

5. Norm MEET: PSPA Class-C, JIS-Z9107 JB.

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