

SINLOIHI COLOR

LC-G1S Series

Inorganic photoluminescent pigment LC-G1S avails itself of fluorescent substances that can remain luminous for long hours in the dark. It absorbs the light energy from sunlight, a fluorescent lamp, an incandescent lamp or other light source and gradually releases the energy and emits light in the darkness.

Safety signs such as evacuation exit sign, evacuation direction sign as well as the toys can be made which radiate light in a dark place.



Above photographs show "LOIHI TAPE #100 Adhesive Tape", made of a film uses LC-G1S pigment coating and processed with screen printing.

■ Specifications *In conformity to DIN-67510 (Xe 1000Lx 5-minutes Irradiation)

Ingredient	ZnS:Cu	Aqueous	○
Color	Milky-White	Resin Coloring	○
Glowing Color (Luminescence)	Yellow Green	Exterior Use	NG
Gravity	4.1	Molding temperature	Below 1000°C
Average Particle Size	15 ~ 20 μm	Packaging	Paper Bag
Afterglow Brightness	10min: 27mcd/ m ² 60min: 3mcd/ m ²	Net Weight	1kg or 20kg
Solvent	Infusiblensness to all solvents		

■ Recommendable Applications

- Paints
- Inks
- Films, and other Various Applications