


CREATIVE COLORS COLLECTION

August 2022

Luminescent pigment

A glowing jar with fireflies. The jar is a clear glass jar with a lid, and it is filled with a glowing blue liquid. Several fireflies are flying around the jar, and their light is reflected on the surface of the liquid. The background is dark, making the glowing elements stand out.

Shanghai Tiran Industrial Co., Ltd. - Jurong Zhengda Machinery Co., Ltd.

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COLOR POWER COLLECTION – AUG'22

Luminescent pigment

TECHNICAL INFORMATION

Luminescent pigment that glows in the dark because it contains a phosphor, a substance that emits light for a certain length of time after exposure to an energy source, such as ultraviolet radiation.

1. Application: add the toner into the transparent oil according to the recommended proportion, stir it evenly until there is no particle, and then it can be used in printing, coating, painting, injection molding and other processes. The effect can reach the discoloration effect.

2. For the application of plastic, it is recommended to add 1.5% -2% color changing pigment into the plastic particles and stir evenly and softly (manual best), which can be directly used for injection. The temperature resistance of color changing pigment is 600°C

A) use neutral weak alkaline transparent resin.

B) avoid using metal containers. The length of storage depends on the moisture content. It will absorb moisture in the air. Pay attention to moisture resistance. Too much moisture will turn white and form stones.

C) in order to reduce the problem of luminous powder precipitation in luminous paint, high viscosity resin must be used, and anti sedimentation agent must be added. Before use, it needs to be stirred evenly, diluent can be used to adjust the point degree, and heavy metal compounds cannot be used as additives.

D) avoid contact with water, avoid direct contact with metal, and avoid direct friction at high temperature.

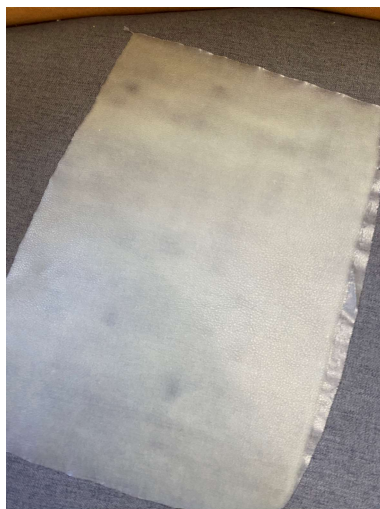
APPLICATION

Pu Coating:

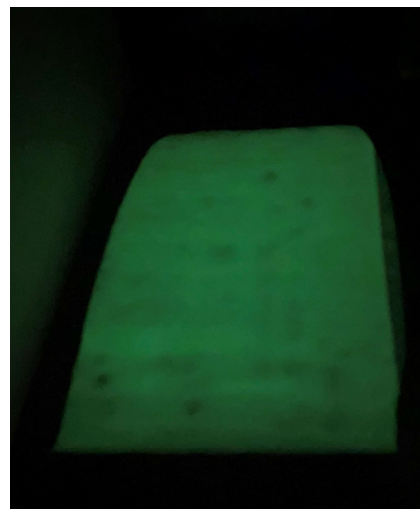
Recommended Pigment concentration 5 to 8% from batch total weight.

PVC coating:

Recommended Pigment concentration 3 to 5% from batch total weight.



Light absorption



Light emission

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COLOR RANGE



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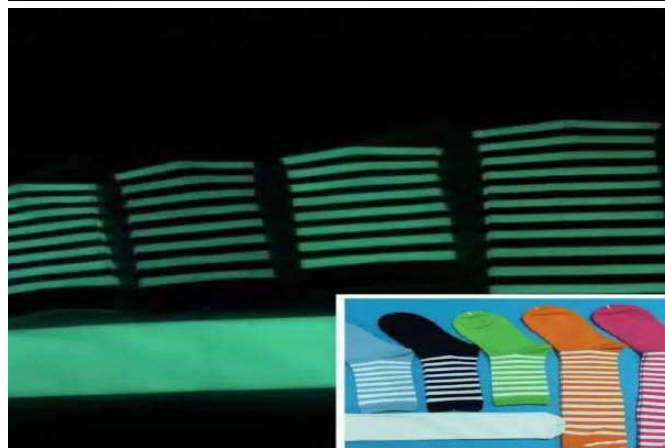
VISUAL EFFECT



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COMMERCIAL DETAILS & CONTACT

PACKING: sealed polybags

MOQ (minimal order quantity): 1000gs.



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