



Excellence in Color

Photoluminescent

Glow-In-The-Dark Photoluminescent Plastics for Masterbatch

- Hours of glow- No batteries, light bulbs or wiring is needed!
- Light Stable Formulation custom tailored for glow longevity and brilliance.
- Designed for specific life safety applications
- Enhance and differentiate your product
- Suitable for outdoor or indoor applications



Overview

Chroma's has introduced a new light stable Photoluminescent material. These pigments have brighter and longer glow times than what was previously available. Some of our products have been measure by an independent lab to glow for over 32 hours!

Performance

Over 32 hours of glow has been measured in testing performed by independent laboratories. Can be tailored to meet specific glow standards.

Use Requirements

We can formulate for Quick activating applications that require a rapid charge, such as automotive trunk levers, pigments that have a white day light color and glow Blue, or that require a longer afterglow.

Product Trials

Products in the Chroma Glow line are currently available in Blue, Aqua or Green Glow and can be custom formulated to comply with select Photoluminescent glow standards. These colors can be tinted for a daylight color.

The Challenge

Challenge Chroma to demonstrate how our commitment to **EXCELLENCE IN COLOR** can make a meaningful contribution to the success of your business.

Chroma Corporation

3900 W Dayton St, McHenry, IL 60050

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Technical Specifications

Photoluminescent

Chroma has the following compounds formulated in

Acrylic, ABS, PP, PE, mLLDPE, ABS, Nylon, PC, polyurethane, k-resin.

Resin	Glow color	Chroma color number	Product	Recommended process	Description
PP	Green	PC90342	Concentrate	Injection, blown film, sheet extrusion, blow molding	Low cost concentrate. Not light stable
PP, PE, EVA, EMA, TPE, TPO	Green	LC90322	Concentrate	Injection, Blown film, sheet extrusion, blow molding	Highly loaded light stable
PE	Green	LC90115	Concentrate	same as above	Quick activating Highly loaded concentrate
Pp, pe, eva, ema, tpe, tpo	Blue	LC90323	Concentrate	Same as above	Highly loaded light stable
Acrylic	Green	RP90339	Precompounded	Sheet extrusion profile extrusion	Highly loaded light stable
Acrylic	Blue	RP90340	Precompounded	Sheet extrusion profile extrusion	Highly loaded light stable
Acrylic	Green	RP90325	Precompounded	Injection Molding	Highly loaded light stable
Polycarbonate	Blue	ZP90317	Precompounded	Injection molding, profile and sheet extrusion	Highly loaded light stable
K resin	Blue	KC90336	Concentrate	Injection molding	Highly loaded light stable
K resin	Green	KC90337	Concentrate	Injection Molding	Highly loaded light stable
K resin	Green	KC90335	Concentrate	Injection Molding	Highly loaded NOT light stable

NOTE: The addition of pigments may reduce physical properties. Chroma continues to evaluate the low temperature impact strength of these materials. As with any materials Chroma recommends they be tested in the final part to verify the approval of the end use application.

PLEASE CONTACT CHROMA'S CUSTOMER SUPPORT DEPARTMENT FOR ADDITIONAL INFORMATION.



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