

# Photoluminescent Masterbatches

## Benefits

- Rapid activation yielding hours of glow
- Light stable formulation (fade resistant)
- Custom-tailored for glow longevity and brilliance
- Designed for specific life safety applications
- Enhance and differentiates outdoor or indoor applications

## Overview

Chroma Color's next generation of light stable photoluminescent masterbatches utilizes high performance glow pigments that exhibit brighter and longer glow times beyond previously available technologies.

## Performance

Products molded using Chroma Color's Glow have been tested by an outside laboratory resulting in measurements of 32 hours of glow time.

## Use Requirements

We can formulate for quick activating applications that require a rapid charge and extended glow times, such as automotive trunk levers. These pigments exhibit a white color in daylight conditions and a long afterglow in darkness. These colors can be custom tinted for the desired daylight aesthetic.

## Product Trials

Samples of Chroma Color Glow products are currently available in blue or green glow and can be custom formulated to comply with select photoluminescent glow standards.





Resin	Glow Color	Chroma Color Number	Product	Recommended Process	Description
PP	Green	PC90342	Concentrate	Injection, blown film, sheet extrusion, blow molding	Low cost FDA Concentrate, Not light stable
PE	Green	LC90764	Concentrate	Injection, blown film, sheet extrusion, blow molding	Low cost FDA Concentrate, Not light stable
PP, PE, EVA, EMA, TPE, TPO	New Safety Green Glow	LC90795	Concentrate	Injection, blown film, sheet extrusion, blow molding	Low cost. Highly loaded light stable safety grade
PP, PE, EVA, EMA, TPE, TPO	Medium Green Glow	LC90798	Concentrate	Injection, blown film, sheet extrusion, blow molding	Highly loaded light stable
PP, PE, EVA, EMA, TPE, TPO	Novelty Green Glow Compound	LC90742	Concentrate	Injection, blown film, sheet extrusion, blow molding	Highly loaded light stable
PP, PE, EVA, EMA, TPE, TPO	Blue	LC90719	Concentrate	Injection, blown film, sheet extrusion, blow molding	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	ZP90317A	Precompounded	Injection molding, profile and sheet extrusion	Highly loaded light stable
Polycarbonate	Green	ZP90462	Precompounded	Injection molding, profile and sheet extrusion	Highly loaded light stable
ABS	Green	AC90553	Concentrate	Injection molding, profile and sheet extrusion	Highly loaded light stable

**For more information**  
<https://chromacolors.com>