

Technical Bulletin



INTRODUCTION

GloPrill® is a high-performance fluorescent colorant developed especially for use in polyolefins. Designed with the plastics concentrate/masterbatch producer in mind, these supercharged colorants develop brilliant, clean fluorescent colors and offer superior processing properties. GloPrill virtually eliminates the problem of plate-out at the blowpin and in the mold cavity. Continuous high-speed production is now possible with minimum downtime. Concentrate and masterbatch formulations can be simplified with the elimination of expensive or hard to handle additives for controlling plate-out and dispersion. The expanded color line includes high-strength GPX products and single-strength GPL colors to simplify formulations.

ADVANTAGES

- Dust free performance from a super high strength prill
- Cleanest, brightest fluorescent products offered for blow molding and injection molding
- Use at full strength for lowest cost in use or as a replacement for melt-in colorants for custom color matches
- Unsurpassed plate-out performance. At normal molding temperatures, reduces blowpin plate-out or in-mold residue to practically zero.
- Simplify your formulations. Eliminate expensive or hard to handle plate-out packages
- Completely formaldehyde-free
- Faster processing and clean-up

TYPICAL PROPERTIES

Physical Form	Free-flowing prill
Minimum Processing Temperature	300°F
Heat Stability	550°F
Melt Index (ASTM D1238)	10–27g/10 min
Density	41.8 lbs/ft ³ (0.67g/cm ³)

AVAILABLE COLORS

GPL-11 Aurora Pink®
GPL-13 Rocket Red™
GPX-14 Fire Orange™
GPL-15 Blaze Orange™

GPX-17 Saturn Yellow®
GPL-19 Horizon Blue™
GPL-21 Corona Magenta™
GPL-00 Clear

SUGGESTED BLENDS OF GLOPRILL TO MATCH 1% ZQ

ZQ-11	---	1.0% GPL-11
ZQ-13	---	1.0% GPL-13
ZQ-14	---	0.60% GPL-13 0.40% GPL-15
ZQ-15	---	1.0% GPL-15
ZQ-16	---	0.425% GPL-15 0.575% GPX-17
ZQ-17	---	0.80% GPX-17 0.20% GPL-00
ZQ-21	---	0.50% GPL-21 0.50% GPL-11

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