

Technical Data Sheet

GloPrill® Pigments (GPL)

General description

DayGlo® GloPrill® is a high-performance fluorescent colorant developed especially for use in polyolefins.

What makes it special is the fact that it virtually eliminates the problem of plate-out at the blowpin and in the mold cavity.

Concentrate and masterbatch formulations can be simplified with the elimination of expensive or hard to handle additives for controlling plate-out and dispersion.

Applications

- Masterbatch
- Polyethylene blow-molded containers
- Thin film applications

Product Features

- Formaldehyde free
- Dust free performance
- Unsurpassed plate-out performance.
- Fast processing and clean-up
- Cleanest, brightest fluorescent products offered for blow molding and injection molding
- Lowest cost in use when used at full strength as a replacement for melt-in colorants for custom color matching

Available Colors

Product Code	Color
GPL-11	Aurora Pink
GPL-13	Rocket Red
GPL-15	Blaze Orange
GPL-19	Horizon Blue
GPL-21	Corona Magenta
GPL-00	Clear
GPX-14	Fire Orange
GPX-17	Saturn Yellow

Packaging:

1 box = 55lb (21kg)

Storage & shelf life:

120 months when kept in closed original packaging in a dry place at ambient temperature.

Safety & regulatory:

Safety Data Sheet available on request.

Physical properties

Delivery form	Free Flowing Prill
Average particle size	3 – 5 mm
Melt Index per ASTM D1238	10–27g/10 min
Bulk density	41.8 lbs/ft ³ (0.67g/cm ³)
Specific gravity	1.2

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Processing & Heat Stability

Heat stability	550°F
Minimum processing temp	300°F
Solvent resistance	Insoluble in water, hydrocarbons and many common solvents
Pigments must be completely melted and evenly distributed throughout the plastic system	

(1) Test methods and Certificate of Analysis (COA) available on request.