



Excellence in Color

Frosted Colors

Chroma's New Frosted PET Color concentrates have the following benefits:

- Achieve high end look of glass with the safety of plastics
- Eliminate Cost and time to paint - 90% less costly compared to painting the bottles
- Added durability as color is molded in and will not scratch off



Overview

Those who give PET bottles a frosted-glass look for use with high-end cosmetics, personal care, alcohol and other products have, until now, had to spray paint the parts to achieve the premium color effect. This new offering from Chroma eliminates the added painting step and the time and cost by letting processors create a frosted look by using a concentrate. The Cost to color the frosted plastic bottles are estimated to cost at least 90% less than those that are painted, is more durable because the color is molded into the plastics and eliminates the added time and loss associated with the painting process.

Applications

The new masterbatch can be formulated for, acrylic, polycarbonate, and PET. In terms of processing it works well in blow molding, reheat blow molding, sheet extrusion and so allows for frosted thermoformed containers. This masterbatch also allows the addition of special effect pigments to PET to enhance the frosted look without the streaking, pin holes and other issues often encountered when such pigments are utilized in PET.

Use Requirements

Varying the use rates, typically between 1 and 5 percent, allows processors to control the intensity of the frosted effect and provide bottles that range from translucent to opaque.

Product Trials

Chroma Corporation's frosted product allows end users to get a fresh, clean and premium appearance of sandblasted glass in a one step blow molding and sheet extrusion operation. This is a flexible masterbatch and can be tinted to create the soft blue and green tones associated with vintage glass

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

ISO 9001:2008 Registered

3900 W Dayton Street, McHenry, IL 60050

Main: 815-385-8100 ~ Customer Support:: 877-385-8777 ~ Fax: 815-385-1518

Product History and Chroma Offerings

Frosted Colors

Custom colors are available. Standard colors are listed below:

Color Name	Color number	Suggested use rate	Regulatory status
Frosted White	EC23777	2%	FDA
Frosted White Graduated	EC23777	2%	FDA
Frosted Blue tint Glass	EC501362	2%	FDA
Frosted Lavender	EC501363	2%	FDA
Frosted Green tint glass	EC66232	2%	FDA

Contact Chroma today to learn more about these products and to have our laboratory technicians formulate a frosted color to meet your products requirements. These products are available in fully compounded products or an economical master batch and can be formulated for injection molding, blow molding, blown film, sheet extrusion, profile extrusion or Rotational Molding.



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www.chromacolors.com