

Revolutionize PET bottle aesthetics with sustainable benefits in mind



Many brand owners aim at increasing the percentage of recycled material in their packaging. Achieving a premium look can be challenging though due to the quality and variability of the recyclate.

LyondellBasell introduces the *Polybatch Effects FROST* masterbatches, designed to revolutionize PET packaging with an exquisite matte frost finish. They are available in two distinct styles with the name *Polybatch Effects BX510836 FROST* and *Polybatch Effects BX512117 FROST*. Talk to our color experts to create the exact design that you are aiming at.

Our product offerings are helping brand owners achieve the desired look while keeping sustainability goals at the forefront.

Main applications of LyondellBasell ***Polybatch Effects FROST* masterbatch additives:**

- Bottles for cosmetics, personal care, food & beverage and industrial applications

For more information about *Polybatch Effects FROST* masterbatches, contact your Account Manager.

Key offerings of *Polybatch Effects FROST* :

- Effortlessly elevate your brand image with a premium aesthetic.
- Reduce the appearance of recycled PET (rPET) for a more desired look.
- Maintain recyclability with NIR sorting compatibility.
- U Food Contact Packaging and EU Cosmetics Packaging.
- Cost-effective solution using existing injection stretch blow molding (ISBM) processes.
- Requires no tool changes and it can be used with existing colors to give a frosted, matte effect.



Polybatch Effects FROST can be combined with other effects or colors

Polybatch Effects FROST can be used in combination with different additives, colors or effects, depending on the application or need. These are some examples of potential customized solutions:

- **FROST + Blue or Green Toner / Optical Brightener:** Ideal for bottles containing rPET, enhancing their attractiveness.
- **FROST + PET NIR Black:** Achieve a matte effect for a sleek finish while keeping recyclability intact.
- **FROST + UV Absorbers:** Enhance UV protection while maintaining a frosty appearance.
- **FROST + Transparent / Translucent / Opaque Colors:** Create a matte effect in various color options.
- **FROST + Interferential Pearlescent Pigments:** Add a touch of iridescence to your packaging.
- **FROST + rPET Carrier Resin:** Achieve the coveted 100% rPET claim in your final bottle.



About us

We are LyondellBasell (LYB) – a leader in the global chemical industry creating solutions for everyday sustainable living. Through advanced technology and focused investments, we are enabling a circular and low carbon economy. Across all we do, we aim to unlock value for our customers, investors and society. As one of the world's largest producers of polymers and a leader in polyolefin technologies, we develop, manufacture and market high-quality and innovative products for applications ranging from sustainable transportation and food safety to clean water and quality healthcare. For more information, please visit www.lyb.com or follow [@LyondellBasell](https://www.linkedin.com/company/lyondellbasell) on LinkedIn.

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