

Polybatch easy pour range

Selling your product to the very last drop



Polybatch easy pour range

No matter how you define success, LyondellBasell has the unparalleled technical expertise to help you achieve it. As a leader in masterbatch technology for more than 50 years, we are committed to creating innovative products that meet the stringent requirements for different packaging materials.

With our extensive know-how in R&D, market expertise and colormatching capabilities, we are a strong global partner seeking for opportunities to help you maximizing brand value and keeping up with customer specifications and consumer demands.



PRODUCT BENEFITS

- easy pour & release
- customer convenience
- waste reduction
- packaging that is just easy to empty
- less cleaning in recycling process

Take advantage of our newest “easy pour” developments as well as our complete range of solutions for packaging including customized and innovative products with a wide choice of technologies, materials and services.

Value-for-money packaging that makes your product stand out

It is impossible to imagine today's consumer goods without multilayer packaging. Both for rigid (e.g. bottles) or flexible (e.g. stand-up pouches) packaging, the content and processing requires specific properties for each layer.

Some substances tend to stick more to the inner polymeric surface than others which makes it less convenient for the consumer to empty the package. This also implies that part of the product gets wasted. In a world where consumers focus on “best value for money” and brand owners need to expand their brand value, the opportunity lies in making the difference (even if it's a small one).



LyondellBasell's "easy pour" additive will get your product in the flow!

LyondellBasell has developed the *Polybatch* easy pour range to optimize the inner surface and, with that, enhance the performance of the overall packaging.

By adding the masterbatch in the inner layer of a multilayer structure, the content will flow down more smoothly on the inner surface, which makes it much easier to empty the package. Converters will be equally happy to hear that they do not have to compromise because filling the package will also be facilitated. During the form-fill-seal processes of stand-up pouches for example, the additive can prevent contamination which ensures proper sealing.

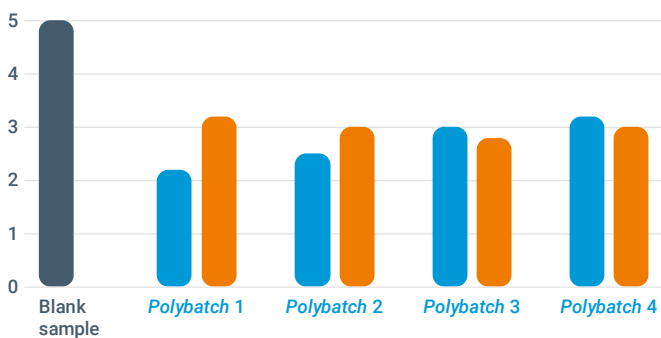
To be able to meet each product's specific requirements and to guarantee the best results, LyondellBasell offers specialized testing methods based on the measurement of the speed, and covered distance of the product on a surface in tilted position as well as the amount of residue on that surface afterwards.

Tests with detergent on a 40µm mono LDPE cast film showed that certain LyondellBasell easy pour grades can reduce the surface residue up to 25%:



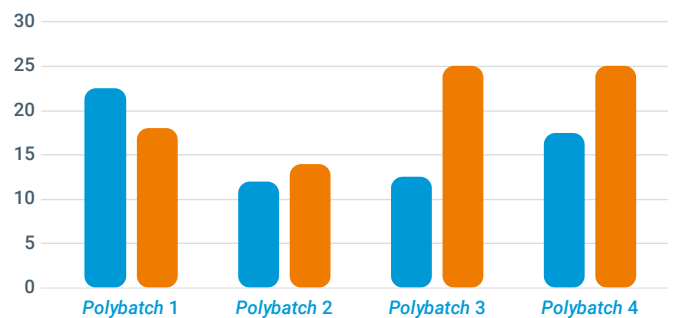
Time (in sec) to cover distance of 7,5 cm

tested on film sample in tilted position with 4 LyondellBasell "Easy Pour" masterbatches in 2 addition rates



Pouring improvement (in %)

tested on 4 samples with LyondellBasell "Easy Pour" masterbatches in 2 addition rates



Our dedicated R&D team is happy to provide you with customized recommendations on the "Easy Pour" masterbatch as well as its addition rate most suitable for your product and packaging.

Let's discuss how we can help you make your product stand out!



LyondellBasell offers vast experience from past projects and can offer guidance and support if involved in the early design state.

ABOUT US

LyondellBasell (NYSE: LYB) is one of the largest plastics, chemicals and refining companies in the world. Driven by its employees around the globe, LyondellBasell produces materials and products that are key to advancing solutions to modern challenges like enhancing food safety through lightweight and flexible packaging, protecting the purity of water supplies through stronger and more versatile pipes, improving the safety, comfort and fuel efficiency of many of the cars and trucks on the road, and ensuring the safe and effective functionality in electronics and appliances. LyondellBasell sells products into more than 100 countries and is the world's largest producer of polymer compounds and the largest licensor of polyolefin technologies. More information about LyondellBasell can be found at www.LyondellBasell.com.

For more information, visit lyb.com

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