

## *Unleash the beauty of natural stone look with LYB foaming solutions*

Elevate your spaces with LYB foaming solutions, designed to give your items a stunning natural stone appearance, ideal for both indoor and outdoor settings.



### **Polybatch Blowing Agent: aesthetic blends functions**

Our advanced *Polybatch* Blowing Agents (BA) allow you to create unique aesthetics, mimicking the look of concrete, marble or granite to perfectly meet a variety of home furnishing applications. Whether you prefer a coarse or smooth surface, our solutions can achieve the desired texture, enhancing the beauty and functionality of any space.

Beyond aesthetics, incorporating *Polybatch* BA can offer additional benefits such as reduced weight and material consumption, making heavy and cumbersome components a thing of the past. Additionally, our solutions offer exceptional weatherability that ensures outdoor applications withstand different weather conditions, maintaining their durability and desired look.

### **Polybatch BA Series**

*Polybatch* BA masterbatches are designed to be incorporated into a wide range of natural and recyclable materials. Each variant showcases unique product characteristics, offering flexibility for various base materials that require different operating temperatures.

#### **Other key benefits include:**

- Elevate your brand image with a premium aesthetic appearance.
- Lightweight, allowing consumers to easily move to create their ideal space
- Applicable for a wide range of base polymers, including virgin and recycled materials.
- Masterbatches for oral or food-contact use that meet EU food safety standards are available. Regulatory status of each grade to be verified for compliance.
- Provide lower temperature fluctuations by thermal insulation.
- Cost-effective solution using existing injection molding or thermoformed processes.
- Machine requirements: a shut off nozzle is strongly recommended and the use of standard screws (no degassing screws).



## Main Applications of *Polybatch* BA Masterbatches for Natural Stone Look:

- Home furnishings, such as flowerpots and vases.
- Bathroom accessories, such as toothbrush holders and trash cans.
- Outdoor park seating, such as benches.

Consult with our masterbatch experts to achieve your precise design vision.



## 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](http://www.lyb.com) or follow [@LyondellBasell](https://www.linkedin.com/company/lyondellbasell) on LinkedIn.

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