

Elevating carpet backing solutions: Polybutene-1 powered performance

LYB is excited to announce the launch of our innovative Polybutene-1 (PB-1) resin for carpet backing applications. This advanced material offers exceptional flexibility, durability and adhesion properties, making it an ideal choice for high-performance carpet backing. PB-1 enhances the overall quality and longevity of carpets, providing superior resistance to wear and tear, and ensuring a longer lifespan for your flooring solutions. With its excellent processability, PB-1 allows for efficient manufacturing, reducing production costs and environmental impact.

LYB PB-1 resin is designed to meet the evolving needs of the carpet industry, offering a sustainable and high-quality alternative to traditional materials. PB-1 reduces environmental impact through its non-toxic composition, recyclability and low emissions. By choosing PB-1, manufacturers can deliver carpets that not only meet but exceed customer expectations in terms of comfort, durability and aesthetic appeal. LYB remains committed to innovation and sustainability, and the introduction of PB-1 for carpet backing is a testament to our dedication to providing cutting-edge solutions that drive industry standards forward.

Why make the change?

- **Environmental benefits:** PB-1 is non-toxic, recyclable and produces low emissions, making it a more sustainable choice compared to traditional materials.
- **Innovation and sustainability:** Using PB-1 aligns with industry trends towards innovative and sustainable materials, helping manufacturers stay ahead of the curve.
- **Long-term investment:** Investing in equipment to use PB-1 can lead to minimized production space, lower maintenance and energy cost.
- **Futureproofing:** As the industry moves towards more sustainable practices, having the capability to use PB-1 ensures that manufacturers are prepared for future regulatory and market demands.



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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