

Polycycle NSL 10

Slip regulator masterbatch in PE



With growing demand for mechanical recycled polymer content in flexible packaging converters face several challenges to provide high quality and performance in different packaging applications. LyondellBasell is offering solutions to converters to address some of these challenges.

Mechanically recycled post-consumer polyethylene produced from flexible packaging feedstock can contain residues of different additives which were necessary for the processing and performance of the polyethylene film in the primary application. In applications such as heavy duty sacks the presence of e.g. migratory slip additives needs to be avoided because a reduction in the coefficient of friction can cause slippage of the sacks and instability of pallets preventing safe transport, storage and handling.

Polycycle NSL 10 offers a solution to enable the use of post-consumer recyclate containing migratory slip additives in applications where a high coefficient of friction needs to be maintained. By absorbing and reducing migration of residual migratory slip additive in the recyclate the converter is able to regulate the co-efficient of friction during film extrusion.

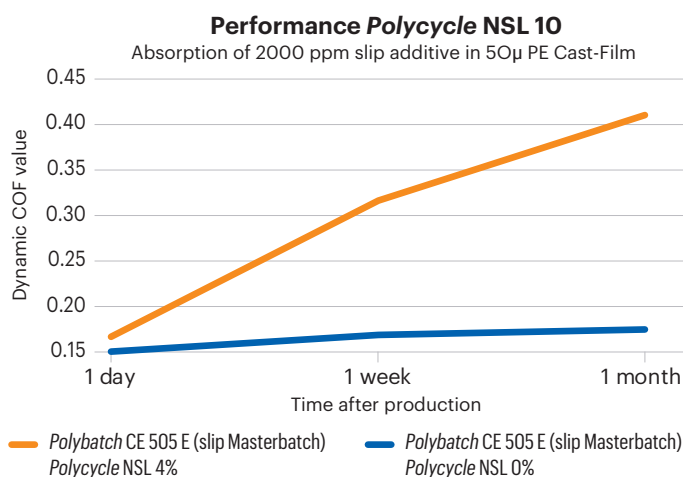
Polycycle NSL 10 allows for more flexible use and higher content of post-consumer recyclate across a range of packaging applications.

Features

- Regulation of coefficient of friction
- Modification of post-consumer recyclate
- Good processing in film extrusion
- Antiblocking properties

Typical applications

- Heavy duty sacks
- Pallet cover films
- Industrial films
- Building & construction films



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.

Before using a product sold by a company of the LyondellBasell family of companies ("LyondellBasell"), users should make their own independent determination that the product is suitable for the intended use and can be used safely and legally. LyondellBasell MAKES NO WARRANTY, EXPRESS OR IMPLIED (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) OTHER THAN AS AGREED TO BY LyondellBasell IN THE PRODUCT SALE CONTRACT.

LyondellBasell prohibits or restricts the use of its products in certain applications. For further information on restrictions or prohibitions of use, please contact a LyondellBasell representative.

Users should review the applicable Safety Data Sheet before handling the product.

Polycycle is a trademark owned or used by the LyondellBasell family of companies.