

Polycycle NSL 10

Slip Regulator Masterbatch in PE

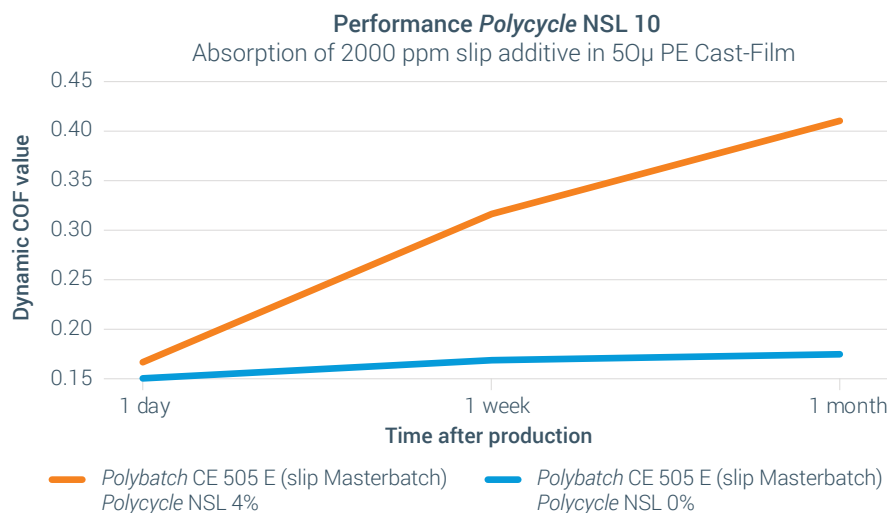


With growing demand for mechanical recycled polymer content in flexible packaging converters face several challenges to provide high quality and performance in different packaging applications. Lyondellbasell is offering solutions to converters to address some of these challenges.

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

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