



## REIFENHÄUSER EVO FUSION

# How to make inexpensive raw material from previously worthless barrier film waste

Don't you find it aggravating that there is still no way to reprocess a large part of barrier film into new products? What makes the composite impossible to recycle or use directly is the polyamide it contains. For you as a producer it means seeing what are in fact valuable raw materials going to waste. Although there are workarounds (such as adding a water-soluble separation layer) that will at least allow you to process the composite for subsequent recycling, these methods are complex and expensive. We will show you a simpler and more cost-efficient method to reuse previously worthless waste or production scrap as inexpensive raw materials.

EVO Fusion is the name of our technological answer to this problem. Our advanced extrusion process is now capable of efficiently and completely recycling conventional barrier film, e.g. polyethylene/polyamide composites (PE/PA) that have a 30 percent PA content. In the future you can reuse old barrier film or your own production scrap to obtain valuable raw materials and produce other high-quality films, such as industrial packaging, sacks, construction film or agricultural film. EVO Fusion allows direct extrusion and requires no preprocessing.

Your benefits at a glance:

- Make inexpensive raw material from worthless barrier film waste.
- Recycle conventional barrier film directly.
- No complex preprocessing needed in the recycling process.
- Produce high-quality film for a wide range of applications.

- Circular economy for the sustainable use of resources.



Recycle barrier composites with over 30 percent PA content.

Get to know EVO Fusion:

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