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# How to Process Low-Cost PCR Into Profitable Blown Film

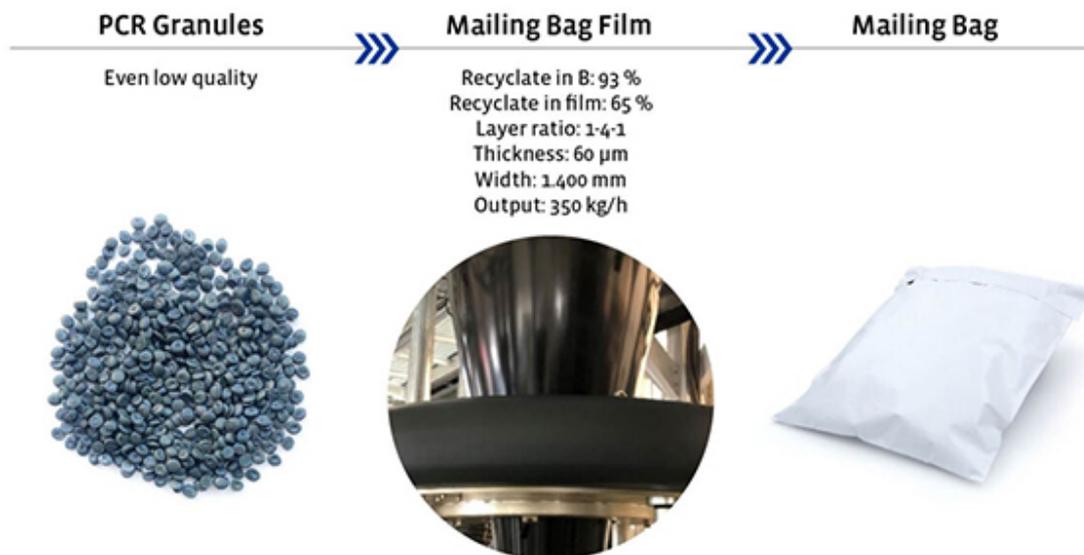
Jesper Skaarup,

In its Packaging and Packaging Waste Regulation (PPWR), the European Union has agreed that prescribed minimum targets for the proportion of recyclate in plastic packaging will apply from 2030.

The processing of post-consumer recyclate (PCR) is the most challenging discipline in plastics recycling. Although simple PCR granulates are cost-effective, they often contain impurities and foreign substances that make processing a challenge. In addition, the quality fluctuates greatly. Profitable use in blown films for high-quality applications seems impossible.

Reifenhäuser offers a solution to precisely this problem: With EVO Fusion we provide processors a tried-and-tested system for handling PCR in a stable process. Thanks to a twin-screw extruder, the breaking down and mixing of the raw material is significantly better than with conventional single-screw extruders. The system also has two highly effective degassing zones that remove all substances that could disrupt the process. This prevents film defects or bubble breakage even with high PCR proportions. Expensive additives are not required.

Find out how you can effortlessly and profitably process high PCR shares in mailing bags (65 percent), shrink films (70 percent) or trash bags (70 percent).



Find out more now and download detailed film structure

Or contact us for a personal consultation:



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