

Where does the loop lead?

The Great INCIRCULAR Plastic Metamorphosis Explained

Name:

Pre-sorted production residues

What is it?	Plastic lumps (by-product) generated during the injection moulding manufacturing process at the production site, when changing from one type of polymer to another. They are initially sorted to remove contaminants and impurities.
What is it made of?	These plastic lumps are typically composed of thermoplastic polymer materials such as PP (Polypropylene) + Talc and CaCO ₃ or PP + Glass Fibers.
What is it for?	Initially considered waste materials, they are now ideal candidates for recycling into new plastic products such as eco-friendly bio-composites or reprocessed into secondary raw materials, reducing the amount of waste generated.
At what stage of the recycling process is it located?	Generated during the production process (specifically during injection moulding) they were treated as residues. Now, they are directed to the recycling process, where they are reprocessed into usable raw materials for new production, thus contributing to the circular economy. The reprocessing occurs at the beginning of the recycling chain.

