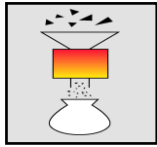
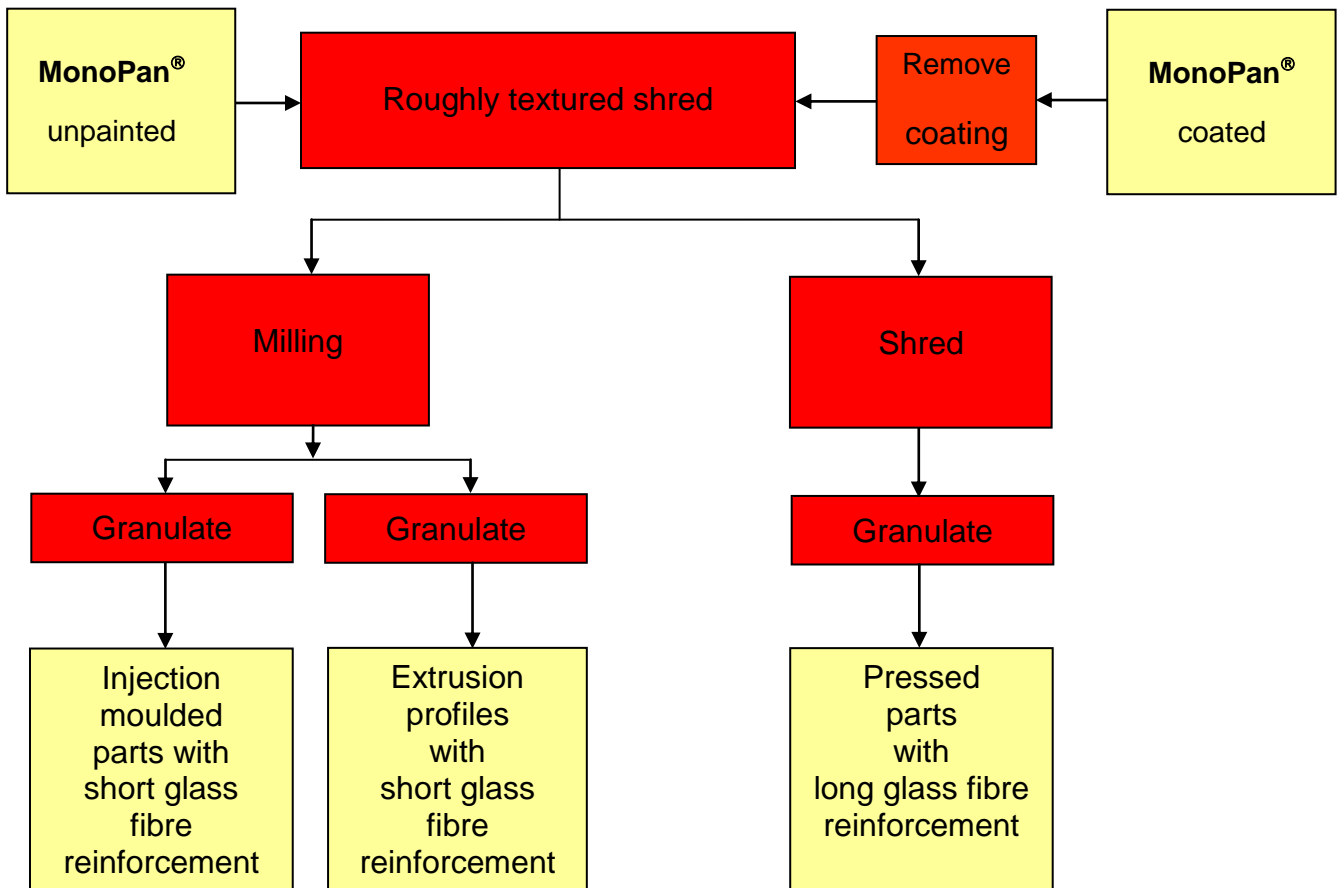


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The potential to recycle MonoPan® is strongly depending on the properties of the two main original components Polypropylene and fibre glass rovings.

Technology:



Extrusion-Compound:

It is possible to produce extruded profiles from recycled MonoPan® after shredding, milling and re-granulating the material. Any coating should be removed before doing so to maintain pure PP.

Processing:

The milled pellets include additives to optimise the properties. To produce pressed parts recycled material with diameter of 15 to 20 mm is most suitable. The resulting glass fibre lengths provide good mechanical properties of the final products and make it easy to process. They help minimizing the so-called “bridge-building” process in the entering zone of plastification aggregates. Qualified aggregates purify the pellets in a fibre protecting way.

Due to its recyclability MonoPan® is well prepared for the future and provides an environment-friendly product circulation reducing the carbon footprint.