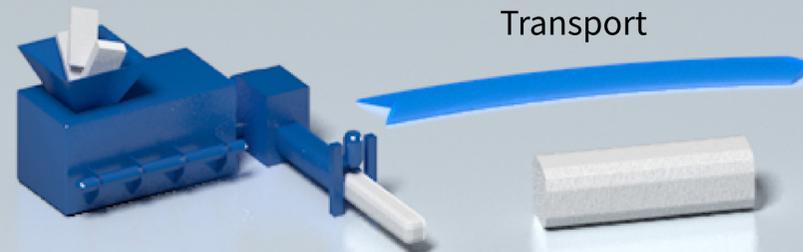


1
**COLLECTING,
SHREDDING, AND
PRESSING**

Used packaging made from EPS and loose fill packaging chips are shredded in compacting units and pressed into blocks.



2
**SHREDDING AND
GRINDING**

Before the material can be further processed, the blocks are shredded and the EPS ground.



3
**HEATING UP AND
DEGASSING**

The ground EPS is then heated up on a recycling extruder and degassed in the process. This step produces recycled PS granules.



PS Granules

6
USING

The recycled loose fill packaging chips can be used as usual as the important material characteristics remain intact during the recycling process.



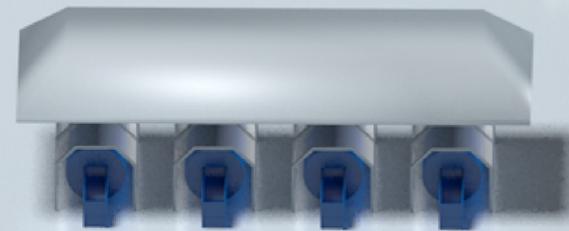
Used packaging made from EPS and loose fill packaging chips

Loose fill packaging chips



5
EXPANDING

The frozen beads are expanded to create loose fill packaging chips and then delivered to customers.



Frozen beads



4
EXTRUDING

The granules are melted on another extruder and a CFC-free blowing agent is injected. The resulting strands are cooled in water to prevent them from expanding. A granulator cuts them into small parts ("frozen beads"). These are the raw material for the production of loose fill made from EPS.

