rPET 100

viscotec
foodgrade without compromise

rPET100 sheet material for thermoformed packaging is a game-changer for circular packaging solutions: it is designed for recycling, and it is made from recycled PET.

BENEFITS

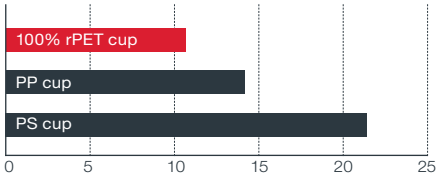
- Heat resistant
- Fully recyclable
- One stage thermoforming process

Starlinger Group

rPET 100

rPET[100] sheet material is the first packaging material which is made from 100% recycled content, 100% recyclable in food-grade quality, and heat-resistant up to 100 °C (212 °F) at the same time.

CO_2 footprint of rPET cup



g CO_2 equivalent/packaging unit 250 ml

[1] Source: c7consult, May 2021

Designed for Recycling

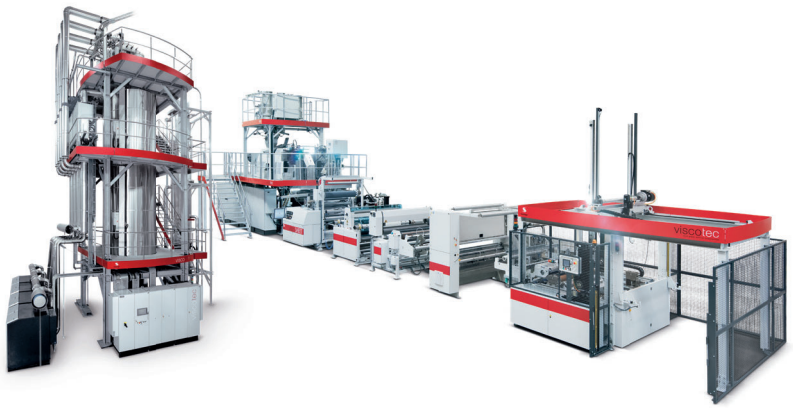
Heat resistant
rPET[100] withstands temperatures of up to 100 °C (212 °F).

Fully recyclable
rPET[100] material only contains natural-based mineral fillers. No polymer additive or other stabilizers, which would impede recycling in the food packaging loop.

Made from recycled material
It is possible to use 100% recycled content to produce the sheet.

Unbeatable CO_2 balance
The material has been designed for tray-to-tray recycling while maintaining the highest packaging quality in terms of mechanical strengths and a high-quality optical appearance.

Produce rPET[100] sheet with viscoSTAR and viscoSHEET



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