

rPET¹⁰⁰ THE GAME CHANGER IN PACKAGING

rPET¹⁰⁰ heat resistant and fully recyclable material for dairy, hot drinks and ready meal packaging



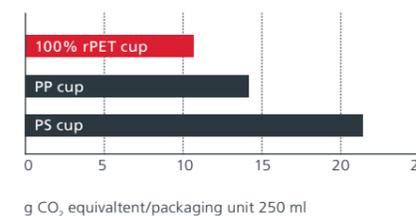
Made from recycled material and designed for recycling.

We have developed a new material to make packaging for dairy and hot-fill products fully recyclable: rPET¹⁰⁰ combines the environmental advantages of recycled PET with easy material processability and opens opportunities for new circular packaging solutions. Food packaging for applications like dairy, hot drinks, and ready-meals must withstand higher temperatures during the production process and consumption. Additionally, dairy products require packaging with optimal light and gas barrier for longer shelf life.

The new rPET¹⁰⁰ sheet combines these benefits and adds new ones: it is heat resistant, made from mono-material, and its white colour protects the product from UV light. Once used, the packaging can be 100% recycled because it contains no other polymer additives.



CO₂ footprint of rPET cup



¹Source: c7consult, May 2021

Truly circular packaging material

Trays, cups, and food containers made from rPET¹⁰⁰ are the fully recyclable alternative to single-use cups made from materials like polypropylene (PP) or polystyrene (PS). Post-consumer recycled PET fulfils all requirements of the European Food Safety Agency (efsa) when it has been super-cleaned with Starlinger viscotec technology.

PET/rPET has outstanding material properties that can be restored in the recycling process, which makes PET a truly circular packaging material. Up to 100% recycling content is possible for rPET¹⁰⁰, and the material has an unbeatable CO₂ balance because recycled PET has a considerably smaller CO₂ footprint.



New markets and new applications are served, thanks to the unique properties of the rPET¹⁰⁰ material.

STEFAN WOLKERSTORFER
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rPET¹⁰⁰ is a real game changer. It shows the path to circular packaging and will revolutionize dairy packaging.

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