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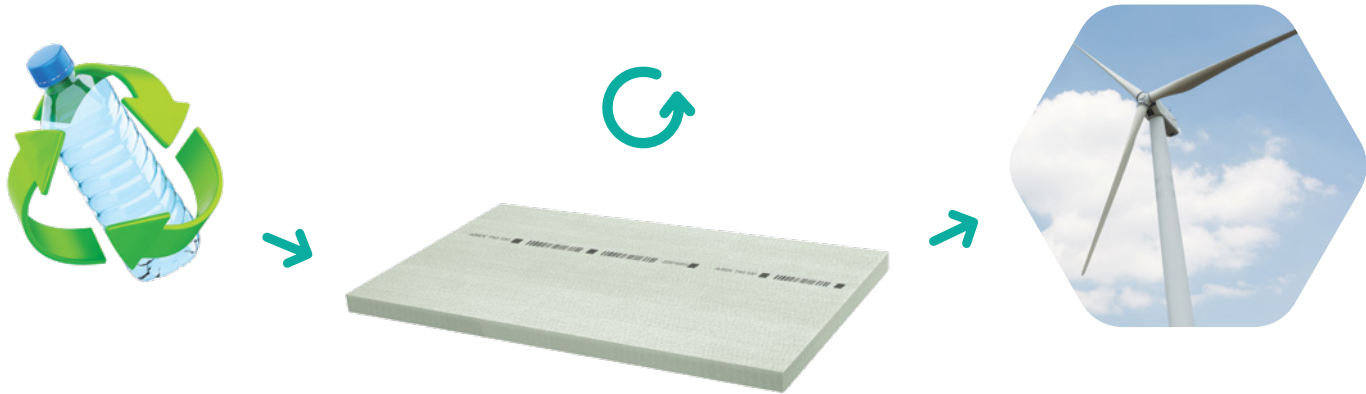
**AIREX® T92**  
With a green touch

# AIREX® T92

## With a green touch

**AIREX® T92** has proven to be a high-performance core material with an outstanding ecological footprint. The renewed **AIREX® T92** – containing raw material from post-consumer PET bottles – expands this leading position even further.

The renewed **AIREX® T92** is the first post-consumer-PET based core material featuring the highest properties of



### Renewed **AIREX® T92**

- / Uses the existing plastic waste for long-term high performance applications
- / Saves resources, participates in the global waste recycling system
- / Upgrades the packaging material for long-lasting, beneficial use, e.g. wind energy

### The high performance **AIREX® T92**

- / Exchange of raw material: switch from virgin PET to recycled PET
- / Unchanged product properties and specifications
- / Leading in resin uptake, especially with SealX

> **AIREX® T92** remains the high performance PET core material

its virgin-PET version. The properties of the reformulated **T92** have remained unchanged and therefore the renewed product has kept its well-established name. **AIREX® T92** continues to maintain very high mechanical properties, complying with all the specifications and exhibiting a well-known unparalleled resin uptake, especially with the **SealX** surface treatment option.

### Stronger, lighter, greener future

We are made of passion and perseverance; we create new products, which are stronger, lighter and greener to the core.

We are ecological, our aim is to create green products that help our customers to become more energy efficient and positively impact the environment.

Our products are lightweight and strong, impacting the greener future; some are created from recyclable plastic (PET) and some from other sustainable resources. Our products have a goal and that is to create a stronger, lighter and greener future.

# AIREX® T92

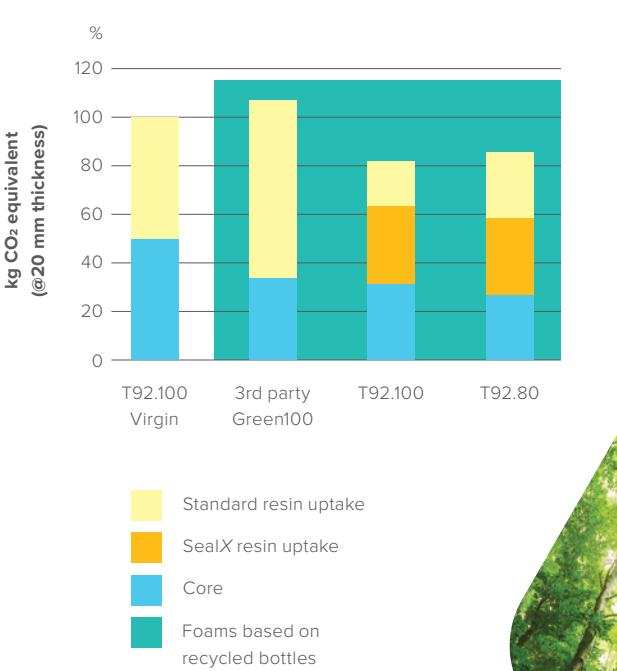
## The most sustainable foam core material

The ecological footprint of this core material consists of the three following pillars:

1. Required foam density for a given set of mechanical properties (higher specific properties reduce the ecological footprint)
2. Resin uptake in the foam (the minimum surface resin considerably reduces the core's total footprint in the resin flow processes)
3. Raw material base for the foam

While the current **AIREX® T92** was already unrivalled under the above mentioned points 1. & 2. – and actually outperformed the competitors' materials based on recycled PET – the reformulated **T92** now extends this lead position even further concerning performance and sustainability as the new **T92** has pushed all three pillars to the maximum.

### Global warming potential of various cores and their resin uptake



Due to its unparalleled resin uptake, the virgin-PET based **AIREX® T92** version already outperformed the 3<sup>rd</sup> party's PET core materials based on recycled raw material. These sustainable credentials of **T92** are now confirmed and expanded with the renewed, green **AIREX® T92** containing recycled post-consumer bottles.

Owing to its excellent mechanical properties, even **AIREX® T92.80** can attain the properties of a 3<sup>rd</sup> party's 100 kg/m<sup>3</sup> green PET core, turning the renewed **AIREX® T92** into a lighthouse core with regard to global warming potential and therefore probably the most sustainable foam core material currently available.

