

INNOVATIVE FIBER PADDING WITH POST-CONSUMER RECYCLED MATERIAL AND BREATHAIR®



New fiber padding from KÖNIG + NEURATH for JET.III swivel chairs

- + The **complete fiber padding** consists of two components
 - + Molded part made of polyester fibers (**80% Post-Consumer-Rezyklat**)
 - + Polyester core (new material) Loop structure (**BREATHAIR®**)



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+ The perfect, sustainable cycle

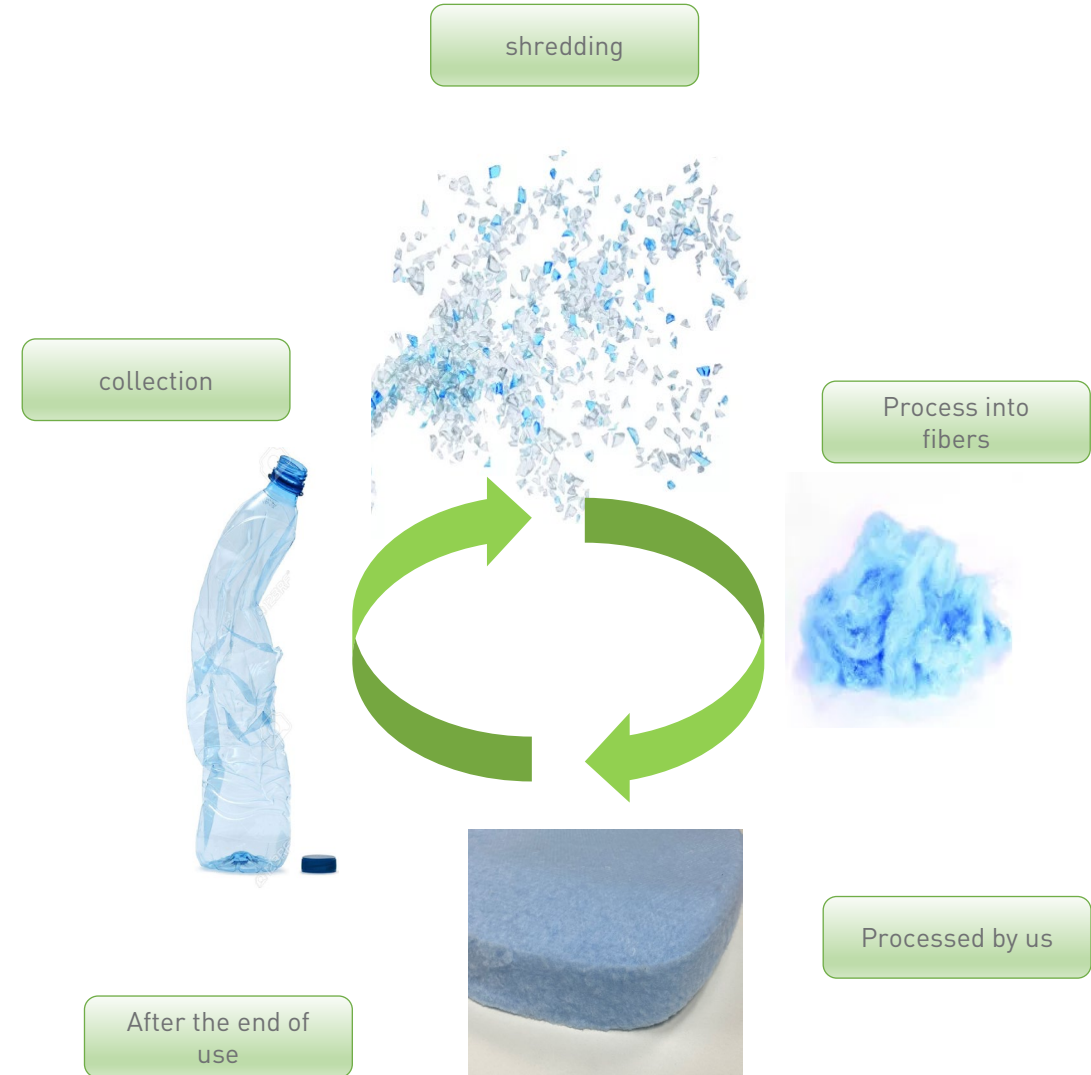
- + Approximately **40% post-consumer material** (fibers from post-consumer recycled → PET water bottles)
- + 100% recyclable, single-type
- + Very good seating comfort, comparable to spring core upholstery



The fibers

Advantages over conventional PU foam

- + The base material is polyester (PET belongs to the polyester family).
- + Consists of 80% post-consumer recycled material
- + 100% polyester recyclable via household plastic waste (no separate recycling system)
- + Breathable, as it is permeable to air



Core of the fiber padding: BREATHAIR®

- + **3D material:** Loop structure made of continuous fibers
- + Soft and hard fiber structures for optimal seating comfort
- + **100% recyclable** (mechanically or thermally)
- + Polyester-based thermoplastic elastomer
- + **Long-lasting** resilience for excellent cushioning
- + Breathable



Excerpt from the manufacturer's brochure:

BREATHAIR®, the embodiment of comfort, well-being, durability and lightness, compared to polyurethane foam at the same level of hardness.



USPs

- + The fiber padding is not only 100% recyclable, but also consists of approximately 40% post-consumer recycled material.
- + The use of **BREATHAIR**® ensures good air circulation.
- + **BREATHAIR**® distributes pressure evenly and ensures comfortable seating, comparable to spring core upholstery.
- + The combination of recycled polyester fibers surrounding the **BREATHAIR**® core is our patent application.