



RECOPOUND®

**Versatile production, sustainable benefits with
PET-based recycled compound**





Climate change is confronting our society with major challenges. In the search for solutions for greater energy and resource efficiency, the circular economy is gaining significance across numerous industries. With their unique properties and wide range of applications, plastics in particular can make a fundamental contribution to saving resources. In order to use them as a valuable raw material to an even larger extent, more plastic waste must be recovered and recycled. At KURZ, we are the first in our industry to take this fundamentally sustainable approach into account in an integrated way.

With the extensive know-how of our plastics division, we have succeeded in manufacturing the innovative injection moldable material RECOPOUND® by using a specially developed process for our PET transfer carriers. The recycled compound is based on RECO SYS®, the world's first return and recycling system developed by us for KURZ PET transfer carriers. With RECO SYS® we recover recyclable materials from our customers' waste streams, bring them to our recycling process and optimize the material properties specifically for injection molding.



RECOPOUND®

**Sustainable and economically viable.
Fully transparent.**

As part of an integrated system, RECOPOUND® not only represents closed loop progress in the entire finishing industry. As a high-quality raw material, the innovative PET compound also offers decisive advantages for your competitiveness. Integrate RECOPOUND® into your products and benefit from full transparency in terms of the sustainability of our material flows and ingredients – Made in Germany. This is how you can lead the way with your plastic applications – sustainably, economically and with a great deal of design freedom.

Your benefits:

CO₂ reduction:

Replace virgin plastics in your plastic products proportionately with RECOPOUND® and save up to 40% CO₂ compared to virgin materials.

Usage cycle:

If you use RECOPOUND® for manufacturing your plastic products, you will make a significant contribution to building a recycling economy in which resources are kept in the use cycle for as long as possible.

Surface decoration:

Unlimited decoration options for products made from RECOPOUND® with KURZ transfer decorations. Visually enhance plastic surfaces with different designs.

RECOPOUND®

**High quality.
Wide range of applications.**

Processing options:

- Injection moldable
- Processing on conventional production machines and equipment
- Ample finishing freedom with KURZ transfer decorations
- Components made from RECOPOUND® can be recycled again

With RECOPOUND® you not only benefit in terms of sustainability all along the line. The injection moldable KURZ PET-based recycled compound opens up a broad spectrum of application options with its optimized material properties. It is not only highly efficient to process. As a proportionate replacement for virgin plastics, it can be used to manufacture sustainable, high-quality products in a wide range of industries. In addition, plastic components manufactured with RECOPOUND® can be recycled again.

Material properties:

- PET-based compound
- Free-flowing granules
- High impact strength
- Durable and robust due to optimized mechanical properties



RECOPOUND®

Exploit added value. Harness potential.

Our raw material will give you the added value that KURZ offers as one of the world's leading companies in thin-film technology and as a multi-industry provider of complete solutions. From project consulting and the individual tool technology of your injection molding system to the conversion and surface design of the final product – you will be tapping into our in-depth industry and process know-how.

Contact our plastic experts
for your customized
RECOPOUND® application.

We look forward to hearing from you at
sales@kurz.de

without decoration with decoration

RECOPOUND®

PET-based recycled
compound for injection
molding applications

Order samples from our
Sample Shop here:





www.plastic-decoration.com

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