Where Ideas take Shape.

Your Partner in Extrusion Blow Molding Innovation.

Kautex, innovation is tested and proven in our Technical Center in Bonn. On 1,000 m² with modern labs and machines, it's the heart of our product and process development. From idea to product, we provide a controlled space to validate materials, shape design, optimize processes, and run small series — without interrupting your production. Whether for new packaging, recyclate qualification, or design features, you benefit from our full plastics, tooling, machine, and simulation Know-How under one roof.

The Technical Center – Our Innovation Hub

Where Ideas become reality at the heart of our expertise, the Technical Center unites material, machine, and process knowledge to refine value chain solutions. From prototyping and testing to optimization and trials, the Technical Center turns ideas into products.

SUPERIOR PRODUCT QUALITY
Integrated Know-How ensures consistency and reliability — even with recyclates.

FULLY INTEGRATED SOLUTIONS
One partner, from extruder to tooling.

SUSTAINABLE & EFFICIENT PRODUCTION
Our systems enable efficiency, low waste, and recyclate use.

INNOVATION THAT DELIVERS
Flying Knives, Intelligate, and Blue Hydraulic boost performance and set benchmarks.

Our Capabilities
From concept to certification – all under one roof. We support you in every stage of product and process development.
The following services are available to you at our Technical Center

Sampling
Simulation optimizes parison behavior, wall thickness, cycle times, and geometry — for first-time-right results.

Simulation service
We produce short runs for pilots, tests, or early deliveries — even with recyclates or specialty resins.

Material Testing
We test new materials — recyclates, biopolymers, compounds — under production-like conditions.

Product Design & Optimization
We run your parts on Kautex machines with your molds and material — to validate, test, or simulate production.

Small series produktion
We produce short runs for pilots, tests, or early deliveries — even with recyclates or specialty resins.

Material testing take confident material decisions.
Choosing the right material is critical for performance and sustainability. At our Technology Center, we conduct comprehensive material tests including rheology, drop tests, and melt flow index analysis. This helps you evaluate recyclates, bioplastics, or virgin polymers under real conditions – ensuring long-term reliability and compliance with your product requirements.

Tsting & Validation
In our Container Lab we test wall thickness, layers, drops, IR, load, dimensions, density, pourability & moisture — all certified and traceable.

Do you have questions or want to learn more? Our Technical Center team is here to support you with expertise and tailored advice.

Andreas Menzlin
andreas.menzlin@kautex-group.com
(+49) 228 489-315

Kautex Maschinenbau System GmbH
Kautexstrasse 54 | 53229 Bonn | Germany
www.kautex-group.com