

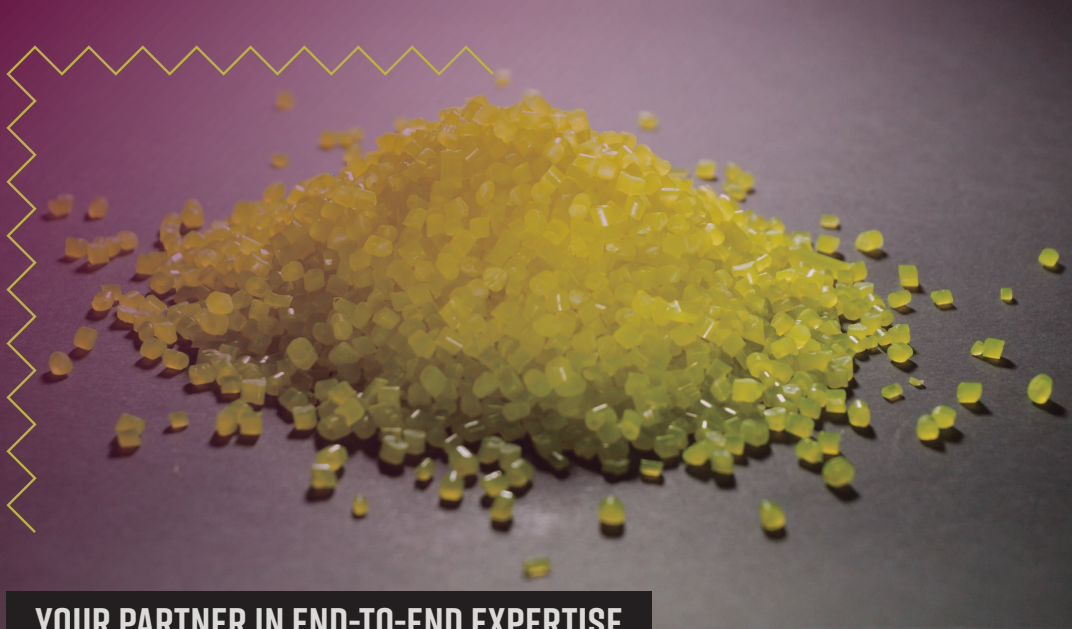
A pair of hands, one in a blue glove and the other in a white glove, holds a large quantity of small, translucent, spherical beads. The background is a soft-focus image of more beads.

**C E N  
T E X  
B E L**

A yellow zigzag line runs vertically along the left side of the image, starting from the bottom and extending upwards.

**Challenge our expertise. Unlock your growth.**

**#CHALLENGECENTEXBEL**



## YOUR PARTNER IN END-TO-END EXPERTISE

By combining testing, processing, semi-industrial pilot lines, recycling technologies, and company-focused advice, we don't just analyze problems - we solve them, so you can:

### ACT TODAY → PROVE PERFORMANCE, SAFETY & COMPLIANCE

We help you turn concepts into **market-ready solutions** through rigorous testing and analysis, **resulting in reduced risk, faster certification, and confidence at launch.**

### ADVANCE TOMORROW → ENGINEER SMARTER MATERIALS & PROCESSES

Whether you're optimizing an existing product or developing something new, our dedicated **semi-industrial pilot lines** support hands-on innovation, **resulting in better-performing materials, optimized processes, and scalable outcomes.**

### TRANSFORM BEYOND → MAKE SUSTAINABILITY PRACTICAL & PROFITABLE

Circularity isn't a buzzword—it's a technical challenge. We help you solve it by offering chemical and mechanical **recycling technologies** by providing advanced composite and polymer **recycling solutions, resulting in lower environmental impact, compliant materials, future-proof products.**

## FROM LAB TO MARKET

### → SOLVING PLASTICS CHALLENGES

The plastics converting industry is under pressure to innovate faster, prove performance, and transition to sustainable materials—without compromising safety, quality, or scalability.

### → THAT'S EXACTLY WHERE WE COME IN!

Across our different locations, each with its dedicated experts, labs and pilot lines, we offer an integrated ecosystem that supports your product from material development and validation to recycling and circularity.





## SUPPORTING YOUR PLASTICS INNOVATION JOURNEY

### PLASTICS FOR THE FUTURE

CENTEXBEL-VKC ACTIVELY SUPPORTS AND PROMOTES THE 'FACTORIES FOR THE FUTURE' PROJECT, INITIATED BY THE PROVINCE OF WEST FLANDERS TO PROVIDE A PLATFORM FOR STRUCTURING AND OPTIMISING THE SUPPLY OF RESEARCH AND SERVICES.

The plastics industry is evolving fast – from increasing performance demands to the growing need for circular and sustainable solutions. Centexbel-VKC helps companies meet these challenges head on.

As a leading competence centre and accredited test laboratory, we support every part of the plastics value chain. Whether you want to solve technical issues, develop new products, optimise processes, or integrate recycled and circular materials, our experts deliver practical, confidential, and high quality guidance.

We offer targeted services in material testing, failure analysis, product and process development, and the exploration of new applications in virgin and recycled polymers, composites, rubber, smart materials, and bio based solutions.

WITH A MULTIDISCIPLINARY TEAM AND A STRONG FOCUS ON INNOVATION, SUSTAINABILITY, AND VALUE CREATION, CENTEXBEL-VKC HELPS YOU TURN CHALLENGES INTO OPPORTUNITIES – AND SHAPE A MORE CIRCULAR FUTURE.



## OUR SERVICES TO THE INDUSTRY

WE SUPPORT COMPANIES IN TURNING INNOVATION INTO COMPETITIVE ADVANTAGE through high-impact technological and environmental consultancy, covering materials, products, processes, energy efficiency, and recycling.

FROM SOLVING COMPLEX TECHNICAL CHALLENGES TO OPTIMIZING INDUSTRIAL PERFORMANCE, we deliver practical, results-driven solutions. Our advanced platforms in polymer extrusion, composites, and plastic processing accelerate innovation from development to industrial scale. We reinforce market credibility through the QA-CER recycled content certification system, part of Polycert Europe, providing trusted verification that enables compliance and market access.

KNOWLEDGE TRANSFER AND MARKET UPTAKE are integral to our approach, supported by targeted seminars, workshops, and industry symposiums, as well as the effective dissemination of R&D results through publications and professional communication channels.

## R&D WITH INDUSTRIAL IMPACT

The plastics and composites industry is under rapid pressure from rising energy costs, stricter regulation, and sustainability demands. Centexbel-VKC turns these challenges into opportunities through applied, industry-ready R&D.

We help companies replace conventional plastics with high-performance, sustainable and bio-based materials, while improving manufacturing efficiency through energy-optimised extrusion, processing, curing, and functionalisation.

We address circularity with practical recycling solutions, including advanced material identification, sorting, compounding, and quality control. Beyond technology, we support the full value chain with research, testing, consulting, audits, and training.

Our solutions are proven on complex products and meet demanding environmental and legislative requirements, including LCA integration and REACH compliance.

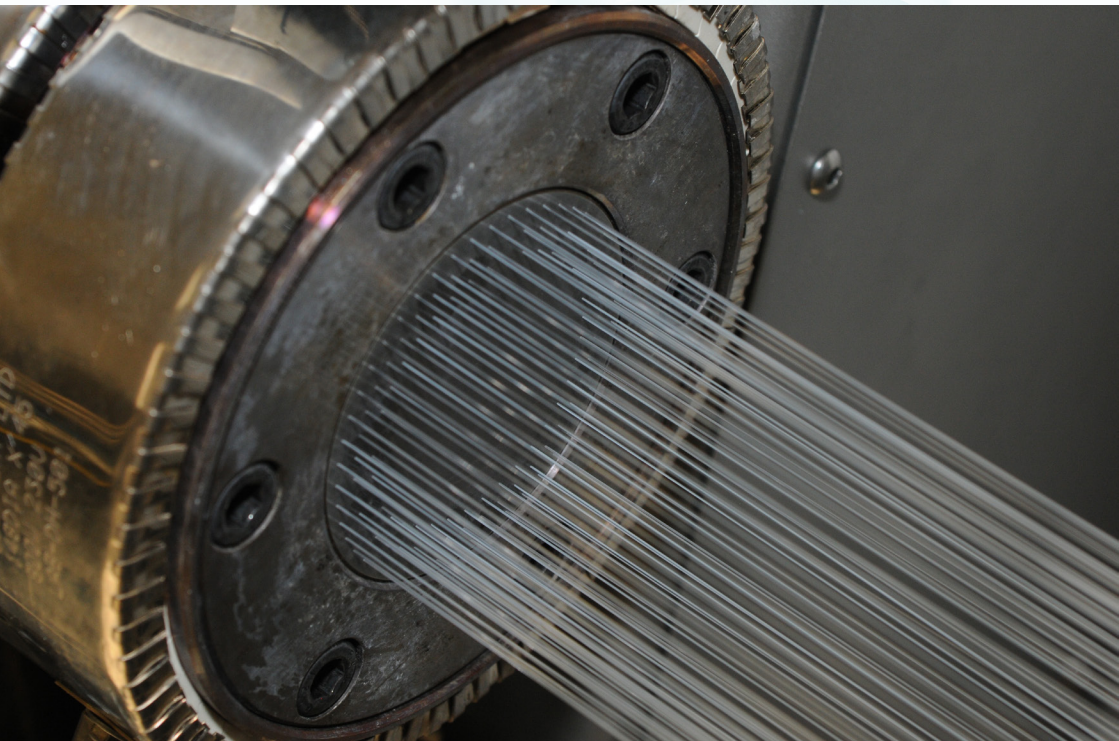
WE HELP INDUSTRY MOVE FASTER, CLEANER, AND SMARTER—TURNING R&D INTO A COMPETITIVE ADVANTAGE.

## ONE-STOP TESTING & MATERIAL CHARACTERISATION

Centexbel-VKC offers an ISO 17025-accredited, fully integrated testing platform for plastics and composites. We support material development, product validation, and failure analysis with fast turnaround and expert interpretation.

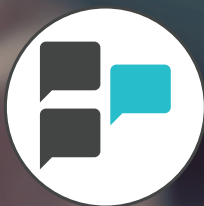
Our capabilities include mechanical and durability testing, rheological analysis for processability, thermal and stability assessment, and advanced chemical and material identification. Microscopy completes the picture, enabling detailed morphology and failure analysis.

WITH ALL TESTING UNDER ONE ROOF, WE REDUCE RISK AND DELIVER RELIABLE DATA THAT ACCELERATES INNOVATION AND MARKET READINESS.

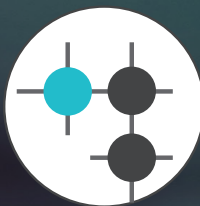




CREATE



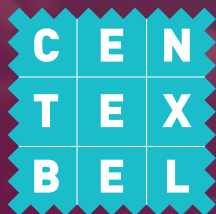
INSPIRE



CONNECT



SOLVE



Centexbel-VKC  
Etienne Sabbelaan 49 BE-8500 Kortrijk  
+32 56 29 27 00 | [info@vkc.be](mailto:info@vkc.be) | [www.centexbel.be](http://www.centexbel.be)