



CICLIC

GCR 

ciclic[®]

Recycled & Recyclable polyolefins

Certified recycled polyolefins, backed by 20+ years of recycling expertise. Delivering up to 90% CO₂ savings with consistent quality and trusted supply.



Bringing sustainability and performance together

Ciclic® delivers high-performance recycled polyolefins that combine sustainability, consistency, and the reliability required for industrial production.

Our commitment is clear: reducing CO₂ emissions, lowering dependence on virgin plastics, and integrating high-quality recycled content into final applications without compromising on performance.



Transforming Recycled Plastics into High-Quality Solutions

Ciclic® delivers a fully certified portfolio of recycled and recyclable polyolefins, sourced from both pre-consumer and post-consumer (PCR) materials. Our high-quality grades help transform plastic waste into sustainable, value-added solutions for a wide range of applications.

rLDPE:

- Markets: Flexible packaging, agriculture, building & construction, personal care.
- Applications: Bags, shrink film, industrial film, pouches, mulch film, cover films, irrigation pipes, secondary packaging, tubes, etc.

rLLDPE:

- Markets: Flexible packaging, agriculture, building & construction, personal care.
- Applications: HDS, secondary packaging, stretch film, tubes, wrap film, irrigation pipes, cable, etc.

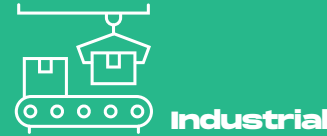
rHDPE:

- Markets: Flexible packaging, rigid packaging, building & construction, personal care.
- Applications: Cover films, protective cushion films, FFS (Form-Fill-Seal), crates, netting, pipes, playground equipment, bottles, caps, etc.

rPP:

- Markets: Rigid packaging, building & construction, personal care, automotive, appliances.
- Applications: Household boxes and crates, buckets, pipes, drainage systems, geotextile sheets, parking walls, street furniture, cosmetic jars, caps & closures, bumpers, washing machine and vacuum cleaner parts, etc.

Ciclic® End Markets

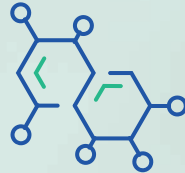


Ciclic® Key Features



Customized Solutions

Tailored materials to meet unique applications requirements



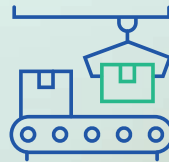
Virgin Polymer Replacement

Near-virgin quality recycled content for diverse applications



Sustainable Impact

Up to **90%** CO₂ savings, aligned with the 3R approach



High-consistent quality

Reliable supply from selected recycled sources



Certified Portfolio

Meeting stringent regulatory requirements

Transform your product formulations and embrace sustainability with CICLIC®



High-Performance Mechanical Recycling at our Castellet Plant

Our recycling plant sets new standards in mechanical recycling, combining scale, efficiency, and sustainability to deliver high-quality recycled polyolefins.

Europe's largest and most advanced plastic recycling facilities dedicated exclusively to **recycled polyolefins**.

- 15 years of experience in Compounding with Recycling.

Expanded production capacity and efficiency, ensuring a reliable and scalable supply.

- 100,000 mT/year of **post-consumer** recycled polyolefins: 20,000 mT/y Flexible & 80,000 mT/y Rigid.
- 30,000 mT/year of **pre-consumer** recycled polyolefins.

Low-energy, high-yield processing, designed to minimize environmental impact.

- Closed-loop water purification system, reducing consumption and placing us among the top 10% in water efficiency.

Stringent quality control to ensure consistency in every batch.

- Our in-house lab rigorously tests every batch with analytical methods and real-world simulations to guarantee top performance and quality.

Why choosing **ciclic**®?

One of Europe's largest polyolefin recyclers

20+ years of recycling expertise with compounding capabilities

Agile go-to-market developments

Reliable Strategic Sourcing & Consistent Supply

Large-scale production

- 100,000 mT/y post-consumer
- 30,000 mT/y pre-consumer polyolefins

Certified sustainable portfolio

Innovation Hub

- ▮ Industrial Scale Pilot Plant
- ▮ Advanced Lab technology
- ▮ 50+ specialists
- ▮ Co-creation process

Certifications

Commitment to the highest standards



High-Performance Mechanical Recycling Process



contact

Let's get touch



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CICLIC® has the potential to reduce CO₂ emissions by up to 90% in your product formulations. Actual emission reductions may vary based on the final application, product formulation, and specific usage conditions. All statements, information, and data presented here in by GCR PLASTIC SOLUTIONS GROUP S.L.U. (GCR Group hereinafter) are believed to be accurate but are for guidance only and are not to be taken as a guarantee or other representation for which GCR Group and its affiliates and subsidiaries assume legal responsibility. GCR Group expressly disclaims any and all warranties, either express or implied, including, without limitation, any warranties of merchantability or fitness for a particular purpose, arising out of any use of the products or services. Identified herein or reliance on any information provided herein. All statements, information, recommendations and products must be thoroughly evaluated and verified by the end user to determine their applicability or suitability for each particular use, assuming all responsibility. Typical values are indicative only and are not to be construed as being binding specifications.

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Innovating
our sustainable
tomorrow

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Solutions**

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