



New

**Advanced formulation
solutions to boost
performance and
productivity gains in**

Corrugated PP Sheet



Corrugated PP Sheet Solutions

Advanced formulation solutions to boost performance and productivity

Proven by results

GCR develops advanced, tailor-made formulation solutions that help corrugated PP sheet manufacturers **improve mechanical performance, productivity and process efficiency** — while **optimizing cost, energy use and sustainability**, adapted to each customer's requirements and market conditions.

The Challenge

Corrugated PP sheet manufacturers face increasing pressure to:

- Improve productivity and cost efficiency
- Manage rising energy costs and raw material volatility
- Meet growing sustainability requirements
- Maintain consistent mechanical performance and dimensional stability

Addressing these challenges requires controlling multiple formulation levers at once, not isolated material changes.

Discover our new solutions for Corrugated PP Sheet

By combining Ciclic recycled PP and Granic mineral masterbatches within a customized formulation approach, GCR develops application-specific formulations that deliver measurable results.

- Tailored to each customer's sheet design and production setup
- Adapted to specific market and application requirements
- Focused on measurable performance, productivity and efficiency gains

Each formulation is **engineered, validated and adapted** to the customer's production setup, application requirements and market conditions, ensuring **consistent results** beyond standard material recipes.

Formulation expertise built on deep Corrugated PP sheet application knowledge

Advanced formulation expertise

Key benefits



Stable mechanical performance

- Optimized ratio between flexural modulus and impact resistance
- **Increased quality of recycled materials**
- Mechanical stability maintained across production runs



Productivity and cost efficiency

- **More than 9% polymer saving potential**, depending on formulation and sheet design
- Higher output and **line speed gains** (up to +20% in validated industrial cases*)



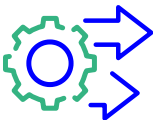
Energy efficiency built into the formulation

- **More than 15% energy saving potential**, depending on line configuration and operating conditions



Lower environmental impact

- **Up to 70% lower CO₂ emissions**, depending on formulation
- **Reduced virgin polymer consumption**
- **More than 50% recycled PP content**, depending on formulation design
- 100% recyclable solution



Dimensional stability and process reliability

- Improved wall stabilization and cleaner cutting
- Same GSM with optimized material usage

Applications

Designed for demanding corrugated PP sheet applications across:



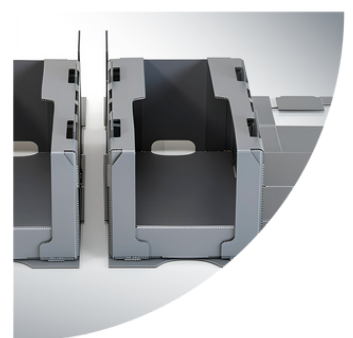
Agriculture



Buidling & Construction



Signs & Display



Rigid packaging

Corrugated PP Sheet Solutions

Certifications



Service level you can rely on

GCR delivers a service level designed to secure your operations:

- Secure and reliable supply, backed by long-term sourcing strategies
- Consistent quality performance across deliveries
- Dedicated technical support through our Innovation Hub for formulation development and optimization
- A specialized technical team focused on developing solutions that help you increase your competitiveness



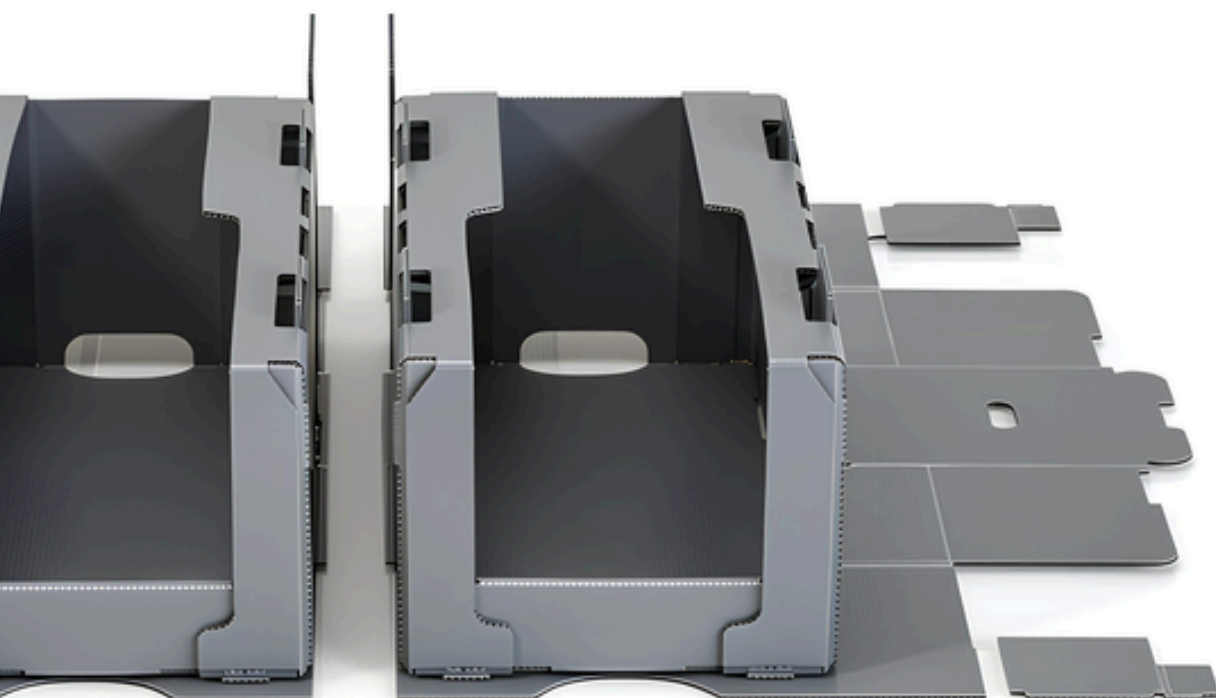
Advanced formulation expertise that delivers measurable performance and productivity gains in corrugated PP sheets.

Challenge us with your requirements

Our experts are ready to develop a formulation approach tailored to your production setup, applications and market needs.

Performance, savings and environmental impact depend on formulation design, processing conditions and production setup. Data shown is based on industrial experience and validated applications. The processor assumes full responsibility for processing conditions, product application, and compliance with any third-party intellectual property rights. All statements, technical information, and data presented by GCR PLASTIC SOLUTIONS GROUP S.L.U. (hereinafter, "GCR Group") are believed to be accurate but are provided without guarantee or warranty of any kind. They do not constitute a legally binding representation and should not be relied upon as such.

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