KARINPRENE® TPE EKO® PCR

Karina Plásticos' TPE-PCR is designed for flexible and rigid applications, supporting circular economy and sustainability initiatives.

It delivers flexibility, durability, elastic memory, and a lower environmental impact.

Committed to innovation and sustainability, Karina Plásticos offers plastic solutions made with PCR (Post-Consumer Recycled) raw materials, contributing to the circular economy and reducing environmental impacts. We use recycled resins sourced from carefully selected and processed post-consumer waste, ensuring quality, performance, and environmental responsibility in every product.

Karina Plásticos' TPE-PCR was developed for both flexible and rigid applications, based on the same hydrogenated SEBS platform. Formulated with PCR material, it provides a wide range of mechanical and thermal properties, such as flexibility, strength, elastic memory, and reduced environmental impact.

Feature

Hardness: Available in different Shore A and Shore D ranges.

Coloros: Amber and Black.

Environmental footprint: Reduces dependence on virgin raw materials and supports circular economy initiatives.

Flexibility: Rubber-like behavior, with deformation and recovery according to the formulation.

Processability: Suitable for injection molding, extrusion, blow molding, thermoforming, or overmolding, depending on the grade.

Advantages

- Reduced landfill waste.
- Material reuse and resource optimization.
- Reduced CO_2 emissions.
- Versatile application possibilities.

Process

- General Injection molding
- Bi-component injection molding.
- Profile extrusion.
- Sheet and laminate extrusion.
- Continuous blow molding.
- Accumulator blow molding

Applications

- Consumer goods.
- Automotive.
- Footwear
- Construction
- General industry

- ✓ **High technology laboratory**
- ✓ **Specialized technical department**
- ✓ **Quality control of finished products**
- ✓ **Logistics with 24-hour service**

KARINA

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