



Polymer Blend Processing and Formulation

DEVELOPMENT OF POLYMER COMPOUNDS AT LABORATORY AND PILOT SCALE

KEY WORDS

PROCESSING,
COMPOSITE
MATERIALS,
OPTIMIZATION

DESCRIPTION

Technical expertise and experimental capabilities for the formulation and production of composite polymeric materials through blends of polymers from different sources. We work at laboratory and pilot scale using processes such as extrusion, lamination, and pressing, enabling the development, optimization, and validation of new materials with properties tailored to specific applications.

APPLICATIONS

- Development of composite materials for packaging applications.
- Upcycling and reformulation of recycled plastics.
- Design of polymers with specific mechanical or thermal properties.

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