ADDIPLAST SAS

Company
- 1986: Production plan (close to Saint Etienne)
- 2001: Research center 2001
- Large range of specialized polymer material
- Tailored services
- Toll compounding

Turnover
- 17 million €

Employees
- 70 persons

Branches
- Toll compounding
- Chemicals
- Automotive
- Pharmaceutical
- Cosmetics
- Electrotechnic
- Building & Construction
- Offshore
- Packaging & films
- Consumer goods

Key materials
- Bio-based polyamide
- Bio-based polyolefin
- Bio-based polyester

Key products
- ADDIBIO Renew®
  - Bio based engineering plastic (20 to 100%), all colours with natural fillers,
  - High performance polyamide

Others products
- ADDIFLAM® HFFR compound
- ADDITEC® ESD compound
- ADDINYL® PA compound
- ADDILENE® PP compound
- ADDITER® PC, ABC, PBT compound

ADDIPLAST
En matière d'innovation

Company
Independent, French compounder, specialized in the manufacturing, coloring and formulation of engineering plastics:
- Polyamide ADDINYL®
- Polycarbonate ADDITER®
- Polypropylene ADDILENE®
- HFFR compound all colors ADDIFLAM®
- ESD semi conductive compound and antistatic all colors ADDITEC®

ADDIPLAST has launched a new stage in it's development in equipping the research center CRA with new means of extrusion development & new analysis tools in order to study and manufacture bio based engineering plastics with renewable ADDIBIO Renew®.

Products
ADDIPLAST invites you to discover the new range ADDIBIO Renew®.

ADDIBIO Renew® is a range of technical bio-sourced compound (to 20 from 100% renewable origin) with sustainable physic-chemical properties.

Three families (PA, PC & PP) of bio sourced material and reinforced with natural fibers were developed for injection and extrusion (application fields: automotive, packaging, electrotechnics …)

The grade ADDIBIO Renew® enable to answer to 3 main properties:
- Aesthetic aspect and "qualité perçue" for interior part application
- Thermal and high mechanical properties for "structure" applications
- Fire resistance

The conception of most of the grade in the ADDIBIO Renew® range is to be environmentally friendly.
Of course, the selected renewable sources for the development of this range have not been taken from agricultural sources. Nor do they use agriculture land used for food intended for the humans or animals. The abundant sources in Europe do not need to be watered extensively and no genetic modified organism have been used in these products.
We are committed close to supplying OEM's with automotive environment requests and approvals.

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High performance polyamide (injection and extrusion grade) for chemical resistance and automotive environment from 60 to 100% renewable polymer based on castor oil chemistry:

- Polyamide 10.10
- Polyamide 10.12
- Polyamide 6.10

These following grades are also available:

- all colors
- reinforced with inorganic fibers 5 to 40%
- electrostatic discharge
- fire retardant

Aesthetic aspect: even light colors (like white and pastel) can be color matched on extrusion and injection grade – for example reference ADDIBIO Renew® GEI 52009 ready to use for interior automotive parts and approvals on smell and fogging requirements.

Structural performance: The obtained mechanical properties allow a significant reduction of thickness and weight optimization of finished parts. This grade enable to match equivalent properties to:

- PP 20% glass fiber or PP 40% talcum with reference Addibio Renew GJI 52066

The CRA propose 3 levels of contractual services:

Creation: manufacturing of new material complying to end user requirements.

Expertise: in-depth analysis and process approvals

Service: sample production and master color

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