THE FIRST BIO-RENEW-ABLE POLYMER

30 YEARS OF EXPERIENCE

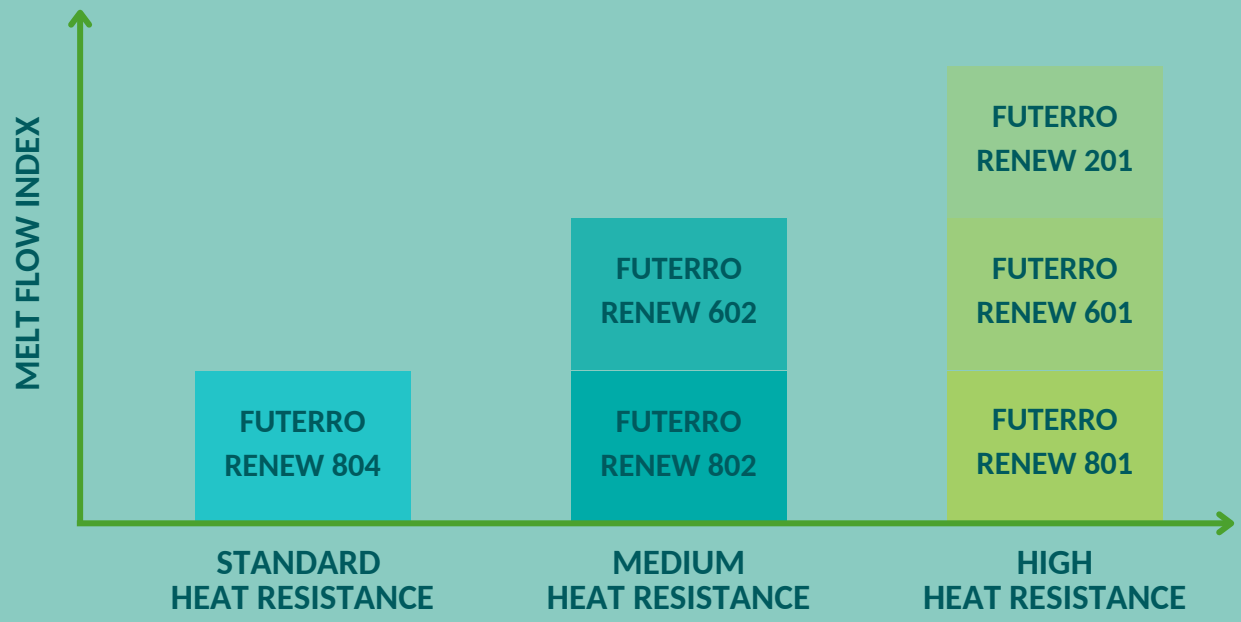
FUTERRO S.A., is a well-established Belgian Company and was one of the first company working on the development of lactic acid and Poly-Lactic Acid (PLA) as early as 1992. Futerro has extensive industrial experience in lactic acid production on different substrates in USA, Europe and Asia, and is continuously upgrading its processes to produce cheaper and better lactic acid with the final purpose of producing high quality PLA (RENEW PLA®). Futerro's first industrial PLA plant allows the production of a wide range of RENEW PLA® for all existing applications with an annual capacity of 100 KT making us the second largest PLA producer in the world. A second plant will probably be built in France in the coming years, with a capacity of 75 KT.

FUTERRO RENEW PLA®

RENEW PLA® is a bio-based material produced from renewable sources. It comes from greenhouse gases converted into fermentable sugars through plants. The sugar is then converted into lactic acid and finally into RENEW PLA® by our technology based on non-GMO bacteria.

The multiple RENEW PLA® grades are suitable for various conversion technologies, can be processed through conventional plastic processing techniques and may be used for many applications.

FUTERRO RENEW GRADES



ABOUT US

Our mission

To offer a concrete and viable solution to accompany the ecological transition of the plastics industry in all its existing forms.

Our vision

A world where bio-based and circular products are the preferred solution in our daily lives.

Our values

- Innovation
- Sustainability
- Responsibility
- Respect
- Passion
- Integrity

Our ambition

Futerro's objective is to become a major player in the bioeconomy in Europe and worldwide.
Our project to build a factory in Normandy is in line with this objective and aims to meet the ever-growing European demand for biomaterials.

PLA: APPLICATIONS & PROPERTIES

RENEW PLA® can be processed by several methods of transformation


Thermoforming

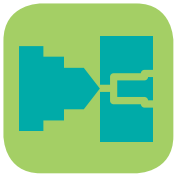

Fibers & Non-woven


Films & Coating


3D Printing


Blow molding


Rotomolding


Injection molding

RENEW PLA® 'S PROPERTIES


Bio-Based


Recyclable


Non-toxic


Transparent


Permeable


Dimensionally stable


Printable


Sealable


Scratch resistant

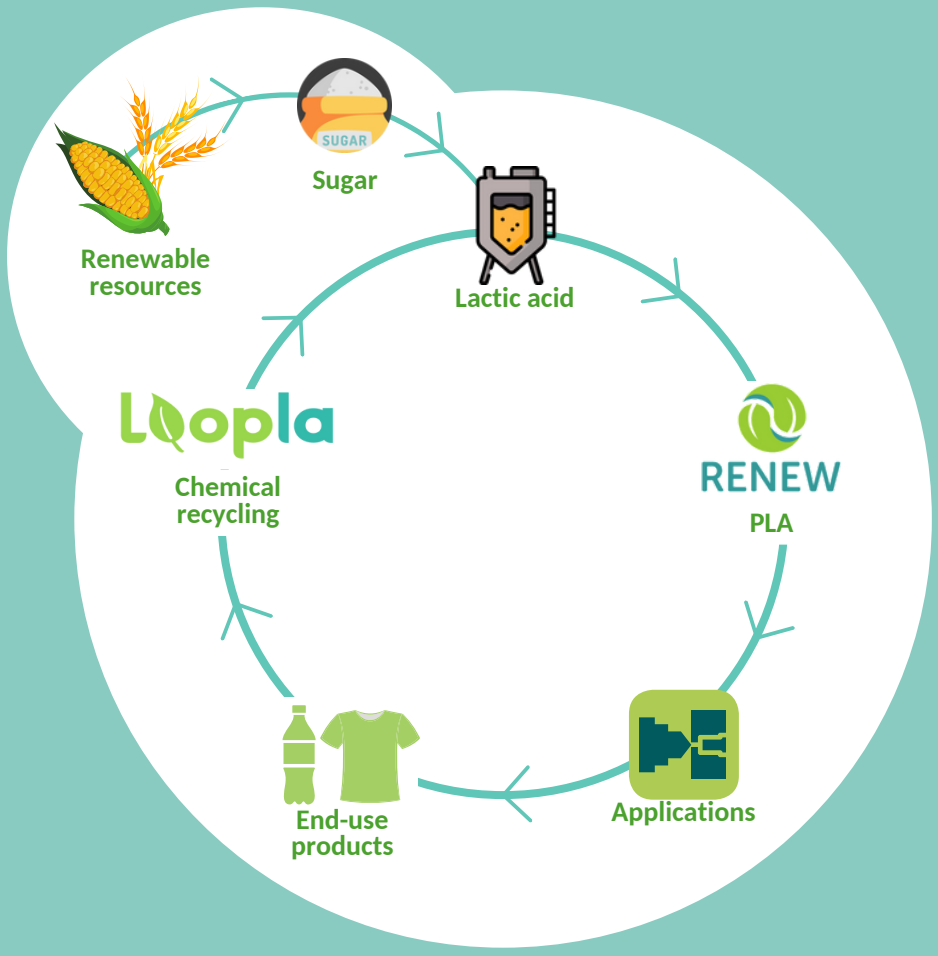
GMO-Free


Industrially compostable

RENEW PLA® 'S CIRCULARITY

In addition to producing RENEW PLA®, Futerro is now able to offer a fully circular economy principle thanks to its own patented chemical and most selective recycling technology: Loopla . This technology allows the company to convert PLA waste back into lactic acid and use it to reproduce virgin RENEW PLA®, retaining exactly the same properties as that produced from sugar.

RECYCLING TECHNOLOGY



- 100% Recyclable & Renewable : Futerro can remake virgin RENEW PLA® .
- It can manage RENEW PLA® based products even with pollutants such as additives, coloring agents, and organic waste.
- It can create a full and virtuous circular economy principle in biopolymer markets.
- It complies with the worldwide new government regulations and directives

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