

Total Corbion PLA at NPE: showcasing biobased PLA innovations

Total Corbion PLA will be exhibiting at the NPE trade fair at booth S35085 from 7th – 11th May in Orlando, USA. The company will highlight its Luminy® portfolio of Poly Lactic Acid (PLA) resins for the Americas, in advance of its 75 kTpa (165 million lbs per year) production plant starting-up in the second half of 2018. The Luminy® PLA portfolio includes both high heat and standard PLA grades and is used in a wide range of markets, from packaging to durable consumer goods and electronics. PLA is a biobased and biodegradable polymer made from annually renewable resources, offering a reduced carbon footprint versus many traditional plastics.

Total Corbion PLA, based in the Netherlands, officially launched operations in March 2017 as a 50/50 joint venture between parent companies Total and Corbion. The company's world-class PLA polymerization plant, with a capacity of 75,000 tons (165 million lbs) per year, is currently under construction in Rayong, Thailand, and is on track to deliver its first commercial quantities in the second half of 2018. The plant will produce a range of resins from the Luminy® portfolio, including specially developed products for extrusion/thermoforming, injection molding and fiber spinning. In the meantime, the company has already started providing pre-marketing resins to interested customers in order to accelerate market acceptance of PLA. Furthermore, in order to service customers in a timely manner, Total Corbion PLA has set up a local warehouse on the US continent to ensure short delivery times.

At NPE, Total Corbion PLA will be showcasing a number of partner applications based on PLA to illustrate the range of possibilities offered by this versatile biopolymer. To showcase the high heat capabilities of PLA, visitors are welcome to enjoy a fresh cup of coffee at booth S35085, served in a PLA-lined cup. The cups have been supplied by **EcNow Tech**, who produce and distribute a number of sustainable alternative packaging applications under their **Earth Smart** range. The paper cups have a PLA lining that can withstand boiling water, and are a sustainable alternative to the traditional PE-lined variety based on oil-based plastics. The cups therefore have a lower carbon footprint, and can be industrially composted after use (where local facilities exist).

The range of applications being developed in high heat PLA is steadily increasing as sustainability gains ever greater importance throughout the value chain. Other high heat PLA applications on display at NPE include coffee capsules for Nespresso machines from **ATI**, take-away coffee cup lids from **WinGram**, tea bags from **Nonwoven Network**, heat stable IBM bottles from **ERT** and thermoformed thin-wall single-use coffee cups from **Pack & Proper**.

In addition to high heat PLA, a number of standard PLA applications will also be presented. A bioplastic thermoformed black platter for attractive presentation of foods such as cheese, sushi and finger food has been developed by **Pack & Proper**. It is made from Luminy® PLA and has been designed to exhibit a 'stone-look', slate appearance thanks to its surface shape, giving a more exclusive appearance to a single-use application.



Other examples of innovative PLA applications on display include PLA toys by **GRABIO**, **DJ Toys** and **Genius Toy Taiwan**, single-use PLA aprons from **Gaia**, thermoformed PLA packaging from **Bio4Pack**, PLA non-woven applications from **Yangtze**, PLA toothbrushes from **PolyAlloy** and foamed ice cream packaging from **Synbra**.

Visit Total Corbion PLA at booth S35085 to learn more about how you can make the switch to biobased PLA plastic.

END PRESS RELEASE

Accompanying logo and images can be downloaded here (link valid 7 days from publication date): <https://we.tl/dvLv8x7Url>



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For more information, please contact:

Julia Lovett

Marketing Communications Manager

M +31 627 228 116

E julia.lovett@total-corbion.com

François de Bie

Senior Marketing Director

M +31 611 716 895

E francois.debie@total-corbion.com

Derek Atkinson

Senior Business Director Americas

M +1 (201) 396 0204

E derek.atkinson@total-corbion.com

About Total Corbion PLA

Total Corbion PLA is a global technology leader in Poly Lactic Acid (PLA) and lactide monomers. PLA is a biobased and biodegradable polymer made from annually renewable resources, offering a reduced carbon footprint versus many traditional plastics. The Luminy® PLA portfolio, which includes both high heat and standard PLA grades, is an innovative material that is used in a wide range of markets from packaging to consumer goods, fibers and automotive. Total Corbion PLA, headquartered in the Netherlands, will start up a new production plant in Thailand in the second half of 2018. The company is a 50/50 joint venture between Total and Corbion.

www.total-corbion.com

About Total

Total is a global integrated energy producer and provider, a leading international oil and gas company, and a major player in solar energy with SunPower and Total Solar. Its 98,000 employees are committed to better energy that is safer, cleaner, more efficient, more innovative and accessible to as many people as possible. As a responsible corporate citizen, Total focuses on ensuring that their operations in more than 130 countries worldwide consistently deliver economic, social and environmental benefits.

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About Corbion

Corbion is the global market leader in lactic acid and lactic acid derivatives, and a leading company in emulsifiers, functional enzyme blends, minerals and vitamins. The company develops sustainable solutions to improve the quality of life for people today and generations to come. Corbion's solutions help differentiate products in markets such as food, home & personal care, pharmaceuticals, medical devices and bioplastics. In 2017, Corbion generated annual sales of € 891.7 million and had a workforce of 1,794 FTE. Corbion is listed on the Euronext Amsterdam.

www.corbion.com

Luminy®

PLA bioplastics for a brighter future

Biobased • Compostable • Innovative

Total Corbion PLA bv

Arkelsedijk 46 • 4206 AC • Gorinchem • P.O. Box 21 • 4200 AA • Gorinchem • The Netherlands

T +31 183 695 695 • F +31 183 695 602 • E pla@total-corbion.com

Chamber of Commerce no. 67982913

www.total-corbion.com