

Request a sample

Subscribe

Contact

Home ▶ News

Full stereocomplex PLA technology now commercially

Filter:

All years ▼

Full stereocomplex
PLA technology now
commercially
available from Total
Corbion PLA

Total Corbion PLA uses cookies to ensure that we give you the best experience on our website. If you continue we assume that you consent to receive all cookies on all Total Corbion PLA websites. [Learn more](#)



available from Total Corbion PLA

01 May 2018

Share this page

Total Corbion PLA, global technology leader in Poly Lactic Acid (PLA), announces the launch of a novel technology that can create full stereocomplex PLA in a broad range of industrial applications. The proprietary technology will enable PLA applications able to withstand temperatures close to 200°C (HDT-A). Samples of glass fiber reinforced stereocomplex PLA will be made available to those wanting to test the new technology for their applications.

The new technology enables stereocomplex PLA - a material with long, regularly interlocking polymer chains that enable an even higher heat resistance than standard PLA. This breakthrough in PLA temperature resistance unlocks a range of new application possibilities, and provides a biobased replacement for PBT and PA glass fiber reinforced products. For example, injection molded applications for under-the-hood automotive components can now be

We're hiring! Are you our new Finance Controller?

20 Mar 2018

Total Corbion PLA announces successful start-up of pilot plant in Rayong, Thailand

15 Mar 2018

Total Corbion PLA at NPE: showcasing biobased PLA innovations

09 Mar 2018

Total Corbion PLA at Chinaplas: PLA bioplastics for demanding applications

28 Feb 2018

Previous

Next

Total Corbion PLA uses cookies to ensure that we give you the best experience on our website. If you continue we assume that you consent to receive all cookies on all Total Corbion PLA websites. [Learn more](#)



higher biobased content and a reduced carbon footprint. The technology can offer these same sustainability benefits to the wider automotive, aerospace, electronics, home appliance, marine and construction industries.

"Over the past decades, the benefits of full stereocomplex PLA have been studied by universities and R&D departments on a laboratory scale", says Stefan Barot, Senior Business Director Asia Pacific. "Now, Total Corbion PLA is the first company to scale up this technology and make it available for a broad range of industrial applications. The technology enables full stereocomplex morphology not only in the lab environment but also in commercial production facilities".

Commercial samples of full stereocomplex PLA will soon be made available for customer evaluation. Total Corbion PLA is looking for brand owners, converters and compounders that wish to validate and capitalize on this new technology.

For more information on full stereocomplex PLA technology, on Luminy® PLA in general or to obtain sample material for trials, please contact us. Alternatively, visit the Total Corbion PLA booth at NPE in

Total Corbion PLA uses cookies to ensure that we give you the best experience on our website. If you continue we assume that you consent to receive all cookies on all Total Corbion PLA websites. [Learn more](#)



Learn more

[About Us](#)

[Downloads](#)

[Events](#)

[News](#)

Contact us

pla@total-corbion.com

T +31 183 695 695

Follow us



Headquarters:

Arkelsedijk 46

4206 AC Gorinchem

The Netherlands

Post address:

PO Box 21

4200 AA Gorinchem,

The Netherlands

Total Corbion PLA uses cookies to ensure that we give you the best experience on our website. If you continue we assume that you consent to receive all cookies on all Total Corbion PLA websites. [Learn more](#)



[Privacy](#) | [Disclaimer](#) | [Cookiepolicy](#)

Total Corbion PLA uses cookies to ensure that we give you the best experience on our website. If you continue we assume that you consent to receive all cookies on all Total Corbion PLA websites. [Learn more](#)

