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Sustainable Bioplastics

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The development of commercial high-end applications of biopolymers

Applied polymer innovations BV (API) is a commercial research institute with lab and pilot plant facilities dedicated to the development of high-end applications of polymers. It has an extensive know-how with respect to the use of biopolymers. Apart from contract-research, API is working together with investors on the development of start-ups. In 2015, the first start-up is realized: Innofil3D BV, a company producing monofilaments for 3D-printing from PLA and other polymers. At the moment, other start-ups are being prepared. One start-up will produce compostable twines for the cultivations of tomatoes, cucumbers and peppers. Another start-up will produce biodegradable trimmer lines. These and other examples will be shown in order to illustrate the fact that biopolymers do offer a lot of commercially attractive opportunities for new applications.

Biography

Bas Krins is Director R&D of Applied Polymer Innovations (API). Previously, he worked at AkzoNobel, Acordis and Diolen. He is a Specialist with respect to the development of high-end applications of Biopolymers.

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