

<u>Abstract</u>

Bio-Compound with biodegradable glass fibre for a wide range of applications

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Abstract: The 2014 founded finish

start-up Arctic Biomateri-

als developed a reinforced

bioplastic without any

compromises. The unique

feature of the innovation is

of the company ready for a

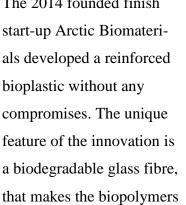
wide range of applications like packaging, technical parts and prospective - medical implants, too. The BIOPOLYMER Innovation Award jury awarded the ArcBiox compostable plastics with degradable glass fibre with the 3rd Prize.

But how can the glass fibre have the same characteristics as technical E-glass fibre and be degradable by microbes and enzyms? What mechanical properties are achievable with these special composites? And why are extra short cycle times possible in ejection molding processes? Mika Hurri, sales manager of Arctic Biomaterials, knows the answers.

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