



Compounding of low T_m and high T_m PLA at TECNARO



In the project Bio4Self, Tecnaró performed several upscaling trials by compounding the high T_m PLA resp. the low T_m PLA with different additives.

In total, 2400 Kg were produced under industrial conditions at Tecnaró's facilities. The production could be carried out without difficulties.

Mechanical tests of the granules and test-bars are in progress. 1800 Kg of the granules were sent to different project partners for further testing, fiber spinning and injection molding.

Tecnaró GmbH is celebrating its 20th anniversary this year.

A further reason to be pleased is the investment in a factory-new machine. It is a twin-screw extruder delivered by KraussMaffei Berstorff and allows, thanks to the added sophisticated plant engineering, to double production capacity at Tecnaró.

With this plant, Tecnaró is optionally prepared for the increasing demand of custom-made organic plastic compounds.

Furthermore, the machine is planned to be used for research and development purposes and to conduct extensive tests using an upscaling procedure, for example. Here, formulations can be tested for practicality with a throughput of up to one ton per hour.



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