

## Aim of the project

Developing suitable part and mold design rules when employing recycled post-consumer plastics to shape new products

## Your Tasks

- Material characterization of recyclate material of interest employing rheological and thermoanalytical testing methods
- Studying the bulk and weldline strength behavior of recyclate under quasi static and impact conditions on molded samples concerning material and processing histories
- Defining strategies for strength safety factors regarding different loading conditions
- Defining permissible strength values

## Supervisor and Information

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