



## RESEARCHING POSSIBILITIES FOR THE LEFTOVER MIX FRACTION OF DOMESTIC PLASTIC WASTE USING ROTATIONAL MOULDING

### A NEW TECHNIQUE

A new technique for the leftover mix fraction out of domestic plastic waste was researched within this project. First tests showed potential. The biggest challenge is making a suitable powder with the right shape and the right characteristics. Further research is required to study the characteristics and how these can be optimised by additives.

Products made out of the mix tell a good story when these are combined with other aspects regarding working towards a circular economy; climate adaptation or energy transition.

CirculEm is a small rain barrel for people with a small outside space in urban areas. It respond to local heat stress and might be the conversation starter between municipality and commonality because CirculEm is subsidised by municipalities. Additionally, this product shows the value of the leftover mix fraction out of domestic plastic waste.

