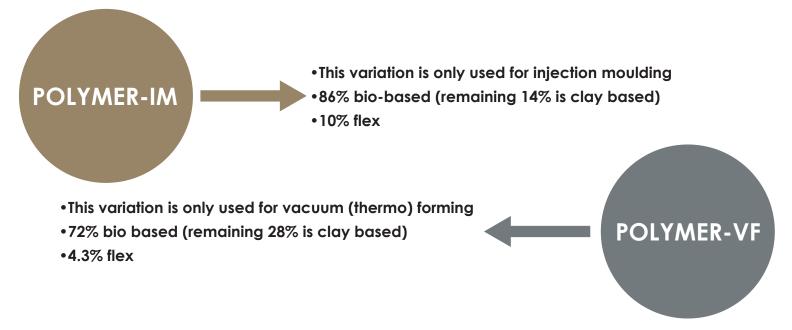
BIO-COMPOSTABLE POLYMER SPECIFICATIONS

At POP Activation our bio-compostable polymer is designed to replace conventional plastics and is made up of several bio-based ingredients, including recycled content and raw side stream materials.

Sustainable fillers such as woodchips are used as the main components.

The polymer can be run on already existing Injection Moulded and Vacuum Forming tools. The type of variation below will be dependent on the tool required for each specific product.



Both variations of bio-compostable polymer are sustainably sourced, designed to meet the growing demand for eco-friendly alternatives in various industries. This versatile material is suitable for a range of applications, is mass producible and recyclable by design, contributing to a circular economy while being safe for both people and the planet.

THE BIGGER PICTURE



Provides excellent yields compared to conventional plastics (95% vs 30-80%) and is generated via energy efficient processes (~100°C vs. 1000°C)



Polymer is certified industrially or home compostable making it a great choice for single use products.



Allows businesses to report significant savings in plastic usage and in turn, reduce their carbon footprint.



Our product is designed to be compostable



Naturally broken down by microbes without emitting methane or turning into microplastics.



Polymer helps keep carbon cycle in balance naturally and composes 78-100% certified bio-based ingredients.

For more information regarding our materials or questions about your project please contact us via our website, email address or contact number below.

