



The Association of
Plastic Recyclers



Meets Critical Guidance

The Association of Plastic Recyclers
2050 M Street NW
Washington, DC 20036
September 13, 2023

Michaela Hofbauer – Vice President, Sustainable Innovation & Marketing Vice President
Synthomer
Harvard Rd,
Beachwood, OH 44122, USA

Dear Ms. Hofbauer:

The Association of Plastic Recyclers (APR) is pleased to recognize Synthomer's Plastvance™ T, Polypropylene modifier/additive, as meeting or exceeding the most strict APR PP Critical Guidance criteria PP-CG-01 Critical Guidance Protocol for PP Rigid Containers Version 4 (November, 2022). This APR recognition is based on the technical recyclability of the additive innovation, in the PP container recycling stream.

A Review Committee, appointed per the APR Recognition Operating Procedures, reviewed your data submission and concluded the data were correctly obtained by a qualified laboratory and were completely presented to show the additive submitted meets or exceeds the most challenging test conditions and strictest APR Critical Guidance criteria.

The PP Critical Guidance documents that were used to evaluate the additive innovation, are the product of a multi-industry consensus process to identify and address certain key technical considerations related to the recycling of postconsumer PP containers. The Documents direct innovators to conduct specific testing per established testing procedures and then provide the innovator with guidance to interpret the results. The protocols are intended to help improve the quality of the recycled PP container stream by aiding innovators to make informed decisions about the consequences of packaging innovations. APR thanks Synthomer, for voluntarily submitting this additive for Recognition. The impact of these protocols is beneficial to world-wide recycling efforts. Meeting the Critical Guidance Document is a truly significant step in demonstrating overall recyclability of your additive innovation.

APR recognition applies only to the Synthomer Plastvance™ T, Polypropylene modifier/additive. While this Recognition speaks to the compatibility of your innovation additive, with PP container recycling, it does not speak to collection of containers or include other additives in the market that may conflict with the PP container recycling process.

Yours truly,

A handwritten signature in black ink, appearing to read 'A. Beaulieu'.

President and CEO