



Association of Plastic Recyclers
1776 K Street, NW
Washington DC 20006

www.plasticsrecycling.org

July 8, 2021

Mr. Paul Tatarka
Market Development, TOPAS COC
Polyplastics USA, Inc.
27240 Haggerty Road, Suite E-20
Farmington Hills, MI 48331

Dear Mr. Tatarka:

APR, the Association of Plastic Recyclers, is pleased to recognize Polyplastics USA Inc.'s flexible multi-layered film for stand-up pouches with 15.5% or less total TOPAS® Cyclic Olefin Copolymer (COC), including TOPAS® 9506F-500, TOPAS® 8007F-600, TOPAS® 7010F-600, and TOPAS® 6013F-04 containing 62 to 77 weight percent norbornene comonomer, as meeting or exceeding APR's FPE-CG-01, *Critical Guidance Protocol for PE Film and Flexible Packaging, Path 1*, most strict requirements and hereby so states. This APR recognition is based on the technical recyclability of the multi-layered films including COC content with PE films.

A Review Committee, appointed per the APR Recognition Operating Procedures, reviewed your May 13, 2021 data submission and concluded the data were correctly obtained by a qualified laboratory and were completely presented to show the multi-layered film submitted meets or exceeds all critical guidance.

The *Critical Guidance Protocol for PE Film and Flexible Packaging* is the product of multi-industry consensus of key issues related to the recycling of postconsumer polyethylene films. The Protocol directs innovators to conduct specific testing per established testing procedures and then provides the innovator with guidance to interpret the results. The APR recognition is based on the innovation meeting or exceeding the most challenging test conditions and strictest guidance criteria.

APR thanks Polyplastics for voluntarily submitting the multi-layer film for examination and recognition. The impact of this protocol is beneficial to world-wide recycling efforts. The protocol is intended to help improve the quality of the recycled PE film stream by aiding innovators in making informed decisions about the consequences of packaging innovations.

Our recognition applies only to the Polyplastics multi-layer film examined and not necessarily to stand-up pouches using the film substrate as those pouches would need to be tested themselves to demonstrate the system of fitments and decoration conformed to the APR Critical Guidance Document. Meeting the Critical Guidance Document guidelines is a truly significant step in demonstrating overall recyclability of your multi-layer film for potential stand-up pouches with PE films.

Yours truly,

APR President and CEO

The Voice of Plastics Recycling™

