



**Association of Plastic Recyclers
1001 G Street, NW Suite 500
Washington DC 20001**

www.plasticsrecycling.org

December 14, 2020

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 high gloss HDPE container with 20% cyclic olefin copolymer (TOPAS® 8007F-600 COC) outer-layer as meeting or exceeding the most strict APR HDPE Bottle Critical Guidance and Bottle-to-Bottle protocol criteria and hereby so states. This APR recognition is based on the technical recyclability of a HDPE bottle with the COC outer layer being compatible with the stream of recycled HDPE bottles.

A Review Committee, appointed per the APR Recognition Operating Procedures, reviewed your November 4, 2020 data submission and concluded the data were correctly obtained by a qualified laboratory and were completely presented to show the container submitted meets or exceeds the most challenging test conditions and strictest APR Critical Guidance criteria of procedure HDPE-CG-01 and of the Bottle-to-Bottle test protocol.

This APR Recognition applies to the HDPE containers with the COC outer layer for which data were submitted. The HDPE Critical Guidance document and Bottle-to-Bottle test protocol that was used to evaluate the multi-layer container are the product of a multi-industry consensus process to identify and address certain key technical considerations related to the recycling of HDPE bottles. 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 bottle stream by aiding innovators to make informed decisions about the consequences of packaging innovations. APR thanks Polyplastics for voluntarily submitting the HDPE container for examination and recognition. The impact of these protocols is beneficial to world-wide recycling efforts. Meeting the Critical Guidance Document and Bottle-to-Bottle test protocol guidelines are truly a significant step in demonstrating overall recyclability of your 20% COC outer layer on HDPE containers.

Our recognition applies only to the Polyplastics multi-layer HDPE container examined and not necessarily to specific containers as those containers would need to be tested themselves to demonstrate the system of resin, adjuvants, label, and other attachments conformed to the APR Critical Guidance Document. We encourage Polyplastics to work with NIR sorter makers and users to tune machines to accept the layered bottles as HDPE.

Yours truly,

A handwritten signature in black ink, appearing to read 'A. B. B.', is written over a white rectangular background.

APR President and CEO

The Voice of Plastics Recycling™

