



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

www.plasticsrecycling.org

July 12, 2016

Mr. Thomas Busard
Chief Procurement Officer
Plastipak Packaging, Inc.
41605 Ann Arbor Rd.
Plymouth, MI 48170

Dear Mr. Busard:

APR, the Association of Plastic Recyclers, is pleased to recognize Plastipak Packaging's four color (white, cyan, magenta, yellow, and black) Direct Object Printing™ technology with up to and including 70% surface coverage on a PET bottle as meeting or exceeding APR's PET Bottle-to-Bottle protocol as an additional investigation to APR's Critical Guidance testing and hereby so states.

A Review Committee, appointed per the APR Recognition Operating Procedures, reviewed your July 6, 2016 data submission for PET Bottle-to-Bottle recognition and concluded the data were correctly obtained by a qualified laboratory and were completely presented to show the bottles with direct printing submitted meet or exceed all PET Bottle-to-Bottle protocol requirements.

The PET Bottle-to-Bottle protocol is contained in APR's Applications Guidance and is testing in addition to APR's PET Critical Guidance Document for the recycling of postconsumer PET bottles. Both procedures direct innovators to conduct specific testing per established testing procedures and then provide the innovators 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 Plastipak Packaging Incorporated for its additional testing beyond APR's PET Critical Guidance Document to show the impact of its innovation on the production of new PET bottles.

Our recognition applies only to Plastipak Packaging's Direct Object Printing™ with 70% and less surface coverage and not necessarily to shelf-ready bottles using the printing as those packages would need to be tested themselves to demonstrate the system of resin, adjuvants, and closure conformed to the APR Design® Guide for Plastics Recyclability. Meeting the PET Bottle-to-Bottle protocol decision criteria is an additional significant step in demonstrating overall recyclability of your decoration system.

Yours truly,

Steve Alexander
Executive Director

