



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

www.plasticsrecycling.org

June 25, 2021

Mr. Wu Tingxiao, Deputy General Manager
Henan Yinjinda New Materials Co., Ltd (China)
Industrial Park of Tangzhuang , Weihui
Xinxiang Henan , China 453100



Dear Mr Wu:

APR, the Association of Plastic Recyclers, is pleased to recognize Henan Yinjinda New Materials Co., Ltd. (China)'s shrink sleeve substrates for HDPE bottles made from YMR PETG or YBRS hybrid films (PETG/OPS co-extruded and bi-axially oriented) as meeting or exceeding APR's HDPE-CG-01, *Critical Guidance Protocol for HDPE Colored or Natural Bottles with Resin Additives, Barriers, Layers or Closures*, most strict requirements and hereby so states. This APR recognition is based on the technical recyclability of the two innovation resin shrink sleeve substrates with HDPE bottles. The PETG contains ethane-1,2-diol and 2,2-dimethyl-1,3-propanediol as glycol monomers. The hybrid films can have a range of PETG/OPS ratios with a specific gravities greater than 1.0 so as not to float in water.

A Review Committee, appointed per the APR Recognition Operating Procedures, reviewed your May 3, 2021 data submission and concluded the data were correctly obtained by a qualified laboratory and were completely presented to show the label substrate submitted meets or exceeds all critical guidance.

The *Critical Guidance Protocol for HDPE Colored or Natural Bottles with Resin Additives, Barriers, Layers or Closures* is the product of multi-industry consensus of key issues related to the recycling of postconsumer HDPE bottles. 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 Henan Yinjinda for its cooperation in using this important protocol. The protocol is intended to improve the quality of recycled bottles by helping innovators to make informed decisions about the consequences of HDPE bottle innovations. The impact of this protocol is world-wide.

Our recognition applies only to the two substrates and not necessarily to bottles using the substrates as those bottles would need to be tested themselves to demonstrate the system of resin, adjuvants, inks, and closure conformed to the APR Critical Guidance Document. Meeting the Critical Guidance Document guidelines is a truly significant step in demonstrating overall recyclability of your resin product.

Yours truly,

APR President and CEO

The Voice of Plastics Recycling™

