



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

[www.plasticsrecycling.org](http://www.plasticsrecycling.org)

February 5, 2020

Dr. Philip Miller  
Director of Technology & Innovation, PHS  
Klöckner Pentaplast  
1670 Discovery Drive, Suite 124  
Charlottesville, VA 22911

Dear Dr. Miller:

APR, the Association of Plastic Recyclers, is pleased to recognize Klöckner Pentaplast's Pentalabel® SmartCycle™ polyester shrink sleeve label film substrate as meeting or exceeding APR's PET-CG-02, *Critical Guidance Protocol for Clear PET Articles with Labels and Closures*, most strict requirements and hereby so states. This APR recognition is based on the technical recyclability of the label substrate innovation with PET bottles.

A Review Committee, appointed per the APR Recognition Operating Procedures, reviewed your December 9, 2019 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 Clear PET Articles with Labels and Closures* is the product of multi-industry consensus of key issues related to the recycling of postconsumer PET 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 Klöckner Pentaplast 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 PET bottle innovations. The impact of this protocol is world-wide.

Our recognition applies only to undecorated sleeve labels and not necessarily to bottles using the labels as those bottles would need to be tested themselves to demonstrate the system of resin, adjuvants, and closure conformed to the APR Critical Guidance Document. APR encourages all users of Pentalabel® SmartCycle™ polyester shrink sleeve film substrate on PET bottles to always use washable inks that have been tested per the PET-CG-02 protocol and meet the guidance of that protocol. Meeting the Critical Guidance Document guidelines is a truly significant step in demonstrating overall recyclability of your label product.

Yours truly,

APR President

The Voice of Plastics Recycling™

