



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

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

July 27, 2021

Mr. John Lyons  
Taghleef Industries Inc.  
800 Prides Crossing Suite 200  
Newark, DE 19713

Dear Mr. Lyons:

APR, the Association of Plastic Recyclers, is pleased to recognize Taghleef Industries' undecorated Shape360® polyolefin TDS shrink sleeve label film substrate for HDPE bottles as meeting or exceeding APR's HDPE-CG-01, *Critical Guidance Protocol for HDPE Colored or Natural Bottles with Resin Additives, Barriers, Labels, Layers or Closures*, most strict requirements and hereby so states. This APR recognition is based on the technical recyclability of the polyolefin shrink sleeve label substrate with HDPE bottles.

A Review Committee, appointed per the APR Recognition Operating Procedures, reviewed your June 1, 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. APR thanks Taghleef for demonstrating its shrink sleeve label substrate performed equally well with or without the elutriation process step, further demonstrating compatibility of the polyolefin film with HDPE polymer.

The HDPE-CG-01 Critical Guidance protocol is the product of multi-industry consensus of key issues related to the recycling of postconsumer HDPE bottles. The Protocols direct innovators to conduct specific testing per established testing procedures and then provide 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 Taghleef Industries 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 packaging innovations. The impact of these protocols is world-wide.

Our recognition applies only to the Taghleef shrink sleeve film substrate and not to any printing or decoration of the labels or bottles to which the label would be applied. 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™

