



Association of Plastic Recyclers
1776 K Street, NW
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www.plasticsrecycling.org

June 22, 2021

Dr. Kathryn Wright
Specialty Polymers Global Technical Director
Kraton Polymers LLC
15710 John F. Kennedy Blvd. Suite 300
Houston, TX 77032-2348

Dear Dr. Wright:

APR, the Association of Plastic Recyclers, is pleased to recognize Kraton Corporation's CirKular+™ C2000 and CirKular+™ C3000 performance enhancing additives for HDPE bottles at up to and including 5% loading 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 performance enhancing innovation resins with HDPE bottles.

A Review Committee, appointed per the APR Recognition Operating Procedures, reviewed your April 14, 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 Kraton Corporation for its cooperation in using this important protocol. The protocol is intended to improve the quality of recycled HDPE bottles and other items. Your additives offer HDPE bottle designers and reclaimers enhanced toughness properties and allow for potentially a higher percentage of recycled HDPE use. The impact of this protocol is world-wide.

Our recognition applies only to the two resins examined and not necessarily to HDPE bottles using additives as those bottles would need to be tested themselves to demonstrate conformance 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™

