



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

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

August 16, 2021

Dr. Gang Lu  
2301 N Brazosport Blvd., Bldg. B-1607  
The Dow Chemical Company  
Freeport, TX 77541

Dear Dr. Lu:

APR, the Association of Plastic Recyclers, is pleased to recognize Dow Chemical's ROBOND™ L-90M adhesive and OPULUX™ MC 5004 coating on PE films as separately meeting or exceeding APR's FPE-CG-01, *Critical Guidance Protocol for PE Film and Flexible Packaging's* most strict requirements and hereby so states. This APR recognition is based on the technical recyclability of the two-part, water-based, acrylic/urethane hybrid lamination adhesive used at 2% loading and also the two-part, water-based, acrylic/urethane hybrid surface coating system used at 3.3% loading.

A Review Committee, appointed per the APR Recognition Operating Procedures, reviewed your June 8, 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, FPE-CG-01, is the product of multi-industry consensus of key issues related to the recycling of postconsumer polyethylene films. The Protocol directs 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 innovations meeting or exceeding the most challenging test conditions and strictest guidance criteria.

APR thanks Dow for its cooperation in using this important protocol. The protocol is intended to improve the quality of recycled PE films by helping innovators to make informed decisions about the consequences of PE film innovations. The impact of these protocols is world-wide.

Our recognition applies only to the ROBOND™ L-90M adhesive and OPULUX™ MC 5004 coating and not to any decoration or other film structure or substrate modification. 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™

