

## Advances in LDPE Resins for Extrusion Coating Applications

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### ABSTRACT

The extrusion coating market is one of the last few markets reliant on aged, autoclave resin technology. Utilizing proprietary process technology, new resins with enhanced processability performance have been developed to meet the growing needs of the global market. This presentation will be a comparative review of these new resin technologies versus ones historically used in the extrusion coating industry. The data shown will suggest that these new LDPE resins will process and perform similarly to traditional autoclave resins, when utilized on existing extrusion coating lines. Thus they can provide for a new source of materials to be used in this expanding market.

### SPEAKER

Michael B. Biscoglio, PhD is a Development Leader working for The Dow Chemical Company within The Packaging & Specialty Plastics in Freeport, TX, where he currently specializes in extrusion coating & lamination. Michael Biscoglio has over 15 years of experience in formulating polyolefin compounds and their fabrication into various performance articles. He additionally holds a PhD in photophysics and radiation chemistry from the University of Notre Dame.

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