

**McConnell Thermoforming Workshop Outline**  
**Monday, September 20**  
**8 a.m.-4 p.m.**

**Advance Registration Required – Available with Full Conference Registration**

**Robert Browning and Don Hylton of the McConnell Company will present:**

**1<sup>st</sup> Morning Session:**

**Thermoforming 101, and Part Design Consideration - Robert Browning**

Due to requests by prior workshop attendees, the first morning session will concentrate on “Thermoforming 101” and considerations for thermoforming part design.

**2<sup>nd</sup> Morning Session - (continued) 1<sup>st</sup> Afternoon Session**

**Materials and the Thermoforming Process - Donald Hylton**

This seminar is designed to provide a basic understanding of material behavior in thermoforming. It will provide a brief overview of how material properties relate and control thermoforming.

The session will cover the following:

*A review of thermoforming grade development.*

*An overview of Standard Data Sheets*

*An explanation and meaning of key tests on Data Sheets (ASTM, ISO, etc.)*

*An explanation of material properties that are essential for successful and consistent thermoforming.*

*Recommended tests for sheet that directly relate to thermoforming behavior.*

**2<sup>nd</sup> Afternoon Session:**

**“Is What You Think You Know Correct” or “Do You Know What You Don’t Know”? – Robert Browning**

“Is what you think you know actually correct,” or are you causing many of your own problems? “Do You Know What You Don’t Know” with regards to thermoforming?

This session will be a detailed look at the principles and essentials of thermoforming and how they have to be applied in order to be successful. Case Studies will be used as both “good and bad” examples of thermoforming and how to correct the problems.