Implementing Decoupled Molding™

Endorsed by RJG

Take your company to the next level by implementing decoupled molding techniques in your plant.

- Achieve a high level of accuracy and repeatability in the molding process
- Determine the present capabilities of your molding machines
- Learn the differences between Decoupled Molding and traditional molding
- Implement a molding methodology that will improve productivity and quality

Recommended For: Set-up & Machine Operating Personnel, Production Supervisors, Process Engineers, Quality Control Personnel, Molding Managers

Explore "Implementing Decoupled Molding", a new training program that combines the decoupled molding expertise of RJG with the proven quality of Paulson. Over 5 hours of training on 3 interactive CD's, with full motion digital video and photo-realistic 3-D animation that details the molding process like you've never seen it before.

Decoupled molding is a system of molding techniques designed to achieve a high level of accuracy and repeatability in the molding process, even as molding conditions like viscosity, naturally vary. Learn how to establish a methodology for setting up a decoupled molding process and the basics of pressure chart reading to identify problem areas.

Lesson Titles and Descriptions

1 Lesson

Introduction to Decoupled Molding:
Explains the goals of the course and defines the necessary terminology. Defines decoupled molding 2 and 3. Shows the difference between traditional molding and decoupled molding techniques. Discusses the effect of normal viscosity variations on peak cavity pressure, types of transducers and their best application.

2 Lesson

Decoupled Molding Techniques:
Discusses decoupled 2 and 3 in greater depth, highlighting when to use each type, the objective, and fill, pack and hold techniques. Teaches importance of plastic flow and viscosity variations to the molding process. Explains difference between process monitoring and process control, and the best techniques for each.

3 Lesson

Establishing a Decoupled Molding Process:
Discusses processing strategies that utilize consistent plastic properties to produce consistent part properties. Uses pressure chart analysis to understand what is happening during the molding cycle and to spot problem areas. Gives a methodology for setting up a decoupled process from mold and machine considerations to setting proper filling, packing and holding parameters.

Fully Interactive

Digital Video

3-D Animation

5+ Hours of Training