



## The Perfect Partner For Polymers Training

### CHALLENGE:

Finding the perfect facility for polymers training is not easy

### THE POLYMERS CENTER:

Provides an environment highly conducive to learning, in the classroom and in the lab for hands-on training

### RESULT:

The Polymers Center has become a preferred facility for the top polymers training companies

When the top training companies in the plastics industry need a training facility to hold their courses, they come to The Polymers Center. They know that the facility they need must meet some specific criteria. It must provide 1) an environment conducive to learning, 2) access to machines for hands-on learning, and 3) material testing equipment, such as Tensile, Gardner Impact, Izod, and Melt Flow Index Testing.



## The Polymers Center in Charlotte checks all the boxes.

The injection molding lab offers the best of both worlds, a classroom environment and hands-on opportunities due to the three molding machines available in the facility. The Materials Testing Lab contains the equipment needed to execute a wide variety of tests; Tests that normally can only be read about. And since The Polymers Center facility also offers compounding and extrusion, students are able to view actual production.

Molding parts and testing them in the same facility, on the same day, allow students to understand not only the testing, but how processing conditions can dramatically affect the results. One of the most significant learning experiences for students is the Melt Flow Index testing, which tests the viscosity of a material. Students can see how temperature directly affects material flow during processing.

An instructor from a well-known training center stated, “Not only does the facility meet our needs, but the staff is professional and accommodating. From our initial contact with PCE to the completion of our courses, we could not have been more pleased with the support the entire staff offered. We knew executing the class would mean finding a unique location that allowed us and our students to demonstrate how polymers and their properties affect their selection and use.”



## Student feedback:

“The hands-on experience in materials testing really made this class. It is something we read about on data sheets, but the knowledge of how it’s done, and being able to connect that back to processing conditions, helped make sense of the ‘why’ behind the data.”

“Great experiments. Got to collect and analyze real data by creating and observing what happens to real parts and got to use specialized equipment for material testing. The staff at PCE was very helpful.”



The Polymers Center was established to further knowledge, offer technical assistance, and help businesses in the plastics industry. We provide the opportunity to work with experts in a unique setting with the finest technology to enhance the performance of products.

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