

RESIN EVALUATION

Plastic Technologies, Inc. announces a new, rapid and economical "Quick-Check" approach to evaluating resins and additives.

*Our **small-scale** evaluation services result in **cost savings** for your company, while providing a quick and reliable way to determine what path will lead you to a successful outcome.*

"QUICK-CHECK" EVALUATIONS

- Requires only 1 - 2 pounds of resin
- Provides the customer with enough data to screen for many quality issues
- Identifies problems before the customer invests in more extensive evaluations



SOLID STATING CAPABILITIES

Samples as small as 1 - 2 pounds can be solid stated using vacuum ovens or quantities as large as 125 pounds using an Abbe 2.5 cu.ft. rotary vacuum dryer. On-site solution IV support results in real-time understanding of the rate of IV increase to achieve the desired IV for both small and large scale trials.



TWIN SCREW COMPOUNDING

A Werner & Pfleiderer twin screw extruder is used to compound materials in small quantities for evaluation. The intermeshing co-rotating screws provides ample melt mixing of most additives for comprehensive evaluation in PTI's Process and Analytical Laboratories.



RECYCLE EVALUATIONS

PTI offers complete "Bottle-to-Bottle" recycle content evaluations which includes

- Washing
- Air Classification
- Flake and Pellet Color Sortation
- Extrusion
- Solid Stating
- Injection and Blow Molding
- Bottle performance testing

PTI's laboratories have experience in APR and PETCORE protocols or will run customer-specific requests. For more information contact Julie Brown or Frank Schloss.

We Package Solutions®