



Corporate Information

Associated Polymer Labs is located in up-state New York, and has facilities in both Warren and Washington counties. We assist and take interest in Customer's needs and situations with their Product, Resin, Design, and Material Testing Requirements.



Specializing in the following services:

- ✚ Polymer and Material Testing Labs
- ✚ Analytical Laboratory Services
- ✚ Product Deformulation, Reverse Engineering
- ✚ Rheology, Blending, Mixing, and Extrusion
- ✚ Resin Evaluation and Selection Services
- ✚ Develop New Products, Technology, and Patents
- ✚ Small Scale Compounding and Custom Products
- ✚ Fluoro Elastomers and Rubber Compounds
- ✚ Protective Packaging Development: Foams and Films
- ✚ Residual Blowing Agents in Foamed Products, Warehouses, Aging Models, and Environmental Air Permits



Analytical Labs

Analytical laboratories have the following capabilities:

- ✚ Thermal Analysis
- ✚ Chemical Analysis
- ✚ Rheology, Modeling, and Flow Analysis
- ✚ Chromatography
- ✚ Mechanical Analysis
- ✚ Physical Properties
- ✚ Reaction Kinetics and Curing Properties
- ✚ Composite Analysis
- ✚ Custom Test Method Development
- ✚ ASTM, ISO, Test Methods

Rheology, Mixing and Extrusion Labs

Associated Polymer Labs has two labs just for blending, mixing, rheology studies and extrusion of materials. Most Customers ask for small batches from 1 to 5 pounds. APL can extrude profiles, film, tube, foam and pellet forms.

- ✚ Batch mixing: from low to high shear rates
- ✚ Powder, filler, fiber, color blending and mixing
- ✚ Composite blending and thermoforming
- ✚ Rubber milling and blending
- ✚ Rheometers- Brabender Torque, Rheometric Scientific Shear, Dynisco Capillary
- ✚ Complete rheology modeling of your resin system; Viscosity, Viscoelastic, Modulus, Tan-delta, Creep
- ✚ Resins selection and evaluation: We have a system to "finger print" your resin and find a replacement
- ✚ Small scale trials and pilot plant, save money and time by measuring the Processibility Window

*When You Need Answers or Have Material Questions. Contact Associated Polymer Labs
Our Goal is Your Success!*

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