ABOUT BEAUMONT
Beaumont is a plastics engineering firm and technology developer providing uniquely integrated scientific and practical solutions to industry challenges.

Our team of plastics engineers has extensive knowledge of plastic flow principles giving us a unique viewpoint in which to solve a multitude of injection molding related issues. We are knowledgeable and experienced in simulation software, mold and part design, product development, processing, quality control, mold diagnosis, and more. Founded in 1998, Beaumont is the pioneer and world leader in the development and application of rheological control systems (RCS™) for hot and cold runners. Beaumont is the plastics industry’s top choice for engineering and consulting services.

PRODUCTS AND SERVICES
- Rheological Control Systems
- CAE Mold Filling Simulation
- Continuing Education
- Development Services
- Engineering & Consulting
- Advanced Polymer Processing

Visit Beaumontinc.com for more information, including testimonials and case studies from industry-leading companies and professionals.
DEVELOPMENT TO PRODUCTION
Whether your products are in development or already in production, Beaumont can help make them more profitable. The earlier our team of engineers begins working with your team, the higher level of ROI, process control, and overall part quality you will achieve.

EXPERIENCE REAL SAVINGS
MELTFLIPPER®
MeltFlipper® provides identical material properties to and within each cavity through optimization of mold filling to reduce part defects. This technology allowed a high-precision molder to achieve full-cavity utilization along with reduction in cycle time, energy, and scrap. This generated $104,250 in savings in one year.

CAE MOLD FILLING SIMULATION
Runner sizing services saved a project from being transferred from our customer to an international competitor by generating $42,500 in material consumption and cycle time savings.

MOLD DIAGNOSTICS
Mold qualification and rework savings of $23,800 for a tight tolerance mold maker was easily realized due to our 5 Step™ Process. This systematic software quickly identified the root causes of mold filling and part quality variations during a new mold start-up process.

CONTINUING EDUCATION COURSES
Applying best practices learned through our plastics courses for part, runner, and mold design saved $32,635 on average for several projects for a world-class injection molder.

ADVANCED POLYMER PROCESSING LAB
A high precision mold maker saved $17,950 in mold transportation and debug costs by having the mold sampled and optimized using Beaumont’s scientific molding and proprietary qualification procedures.

PRODUCT DEVELOPMENT
An injection molder saved $102,300 as a result of design optimization based on plastic flow and molding principals, coupled with mold filling simulation and prototyping services.