



SPECIAL SERVICES/APPLICATIONS

- ★ Plastic Testing, Polymer and Material Testing Labs
- ★ Analytical Laboratory Services
- ★ Product De-formulation, Reverse Engineering, Composition
- ★ Plastic Additive Analysis; BPA, phthalates, fillers, slip agents, stearate, UV, parabens
- ★ Rheology, Blending, Mixing, and Extrusion
- ★ Protective Packaging Development and Testing: Foams, Plank, Bags, Films, Barrier Films, Bubble Wrap
- ★ Residual Foaming and Blowing Agents in Foam Products, Warehouses, and Aging Models
- ★ Product Stability & Compatibility Testing
- ★ New Product Development, Technology, and Patents
- ★ Small Scale Compounding and Custom Products
- ★ Rigid Gas Permeable Contact Lens Products (RGP), Hydrogels, and Coatings
- ★ Cosmetics & Pharmaceuticals
- ★ Medical devices, Implants & Catheter Tubing
- ★ Epoxies, Prepregs, Laminates & Composites

CAPABILITIES

- Rheology, Modeling, and Flow Analysis
 - Rheometrics Solids Analyzer (RSA)
 - Dynamic Mechanical Analysis (DMA)-Viscoelastic Properties
 - Stress Rheometer (SR5)-Melt Strength Rheology
 - Capillary Rheometer
 - Torque Rheometer
- Thermal Analysis
 - Differential Scanning Calorimetry (DSC)
 - Modulated Differential Scanning Calorimetry (MDSC)
 - Thermal Gravimetric Analysis (TGA)
 - Thermal Mechanical Analysis (TMA)
- Chemical Analysis
 - Fourier Transform Infrared Spectroscopy (FTIR)
 - Micro FTIR
- Chromatography
 - Gas (GC), Gas with Mass Spectroscopy (GCMS)
 - Liquid (HPLC)
 - Thin Layer (TLC)
- Mechanical Analysis
 - Tensile and Compression
 - Creep and Stress Relaxation
 - Poisson's Ratio
 - Coefficient of Friction
 - Tear Strength
- Physical Properties
 - Density
 - Ash Content
- Custom Test Method Development, ASTM and ISO Test Methods
- Optical Microscopy

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