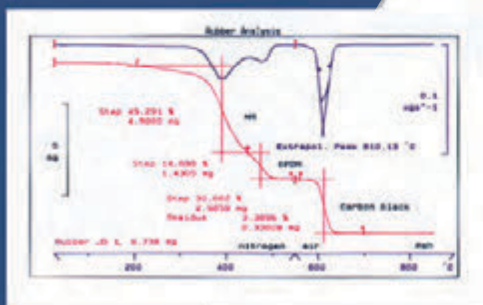


Polymer Testing



Polymer Testing

Polymer testing at ATS is a comprehensive service utilizing experienced and dedicated professionals using state-of-the-art equipment. Our capabilities include polymer characterization, molecular weight studies, and dilute solution viscosity as well as the determination of mechanical properties such as impact, tensile/flexural strength, hardness, and, physical properties such as heat deflection temperature, flammability and U.V. resistance.

Whether your polymer testing needs are process related or incoming material verification, ATS provides you with accurate and timely results to answer any polymer questions you have.

Polymer Testing Capabilities:

- Tensile Strength
- Flexural Strength/Modulus
- Durometer Hardness
- Izod Impact
- Failure Analysis
- Heat Deflection Temperature
- Coefficient of Thermal Expansion
- Heat Aging/Thermal Degradation
- Weathering (UV Degradation)
- Glass Transition, Crystallinity
- Polymer Identification (Micro FT-IR)
- Melt Flow Rate/Capillary Rheometry
- Composition Analysis
- Plasticizers, Additives
- UV Inhibitors, Antioxidants
- Flammability
- Inherent/Intrinsic Viscosity
- Melting Point



Polymer Testing Services

Polymer Testing Services

Applied Technical Services, Inc (ATS) offers comprehensive Polymer testing services including plastics, elastomers, adhesives, coatings, textiles, composites, and additives. ATS has a reputation for being highly responsive to our customers' testing needs.

Our staff of qualified professionals can provide the answers to your polymer problems. The Quality Assurance Program at ATS meets the most rigorous requirements of the automotive, aerospace, nuclear, and manufacturing industries.

Technical Organizations/Societies

SPE - Society of Plastics Engineers
ACS - American Chemical Society
ASME - American Society of Mechanical Engineers
ASTM - American Society of Testing and Materials
ASQ - American Society of Quality
NCSL - National Conference of Standards Laboratory
TAPPI - The Association of Pulp and Paper Industry

Quality Programs and Accreditations

*ISO 17025
*ISO 9001
*10 CFR 50 Appendix B
*ANSI/NCSL Z540-1
*ASNT-TC-1A
*MIL Standard 410
*Over 100 Technology Sector Vendor Approvals



We Take A Closer Look!

Accreditations / Certifications

ISO 9001