

## Litigation Support

Litigation and insurance claims need support from competent materials testing experts to reach the appropriate conclusions. Clients rely on IMR to provide the following professional services.

- Trial Expert Witness Testimony
- Technical Disposition
- Legal Consultation
- Test Witness Services

IMR has a reputation for comprehensive and unbiased perspective on complex materials questions.

Our staff includes licensed Professional Engineers (PE's), and other analysts with the necessary education and industry experience to provide competent technical support.



Our experts are knowledgeable about a wide range of disciplines with specialties including corrosion, fractography, nonmetallics and contaminants.

We have provided knowledgeable expert witnesses in many cases, as well as hosting a wide range of litigation support investigations.

Contact us today at our Louisville, KY or Ithaca, NY locations for more information about litigation support services.



### IMR Test Labs

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### IMR Test Labs - Suzhou

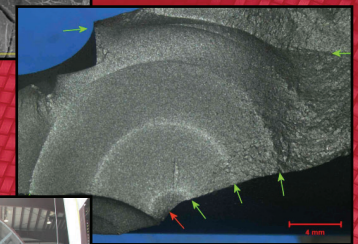
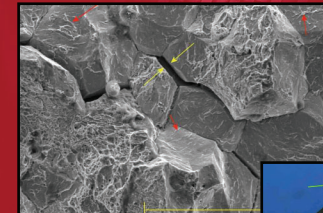
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**Nadcap Accreditation:** Ithaca (MTL, NMTL), Louisville (MTL), Portland (MTL), Singapore (MTL), Suzhou (MTL)

**A2LA Accreditation:** Ithaca (1140.01 / 1140.02), Louisville (1140.03/1140.04), Portland (1140.07), Singapore (1140.10), Suzhou (1140.09)

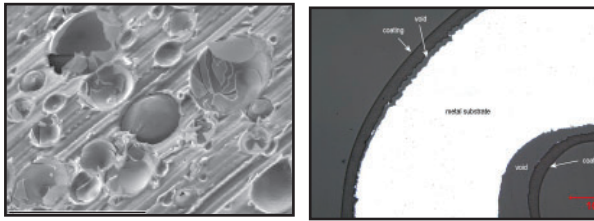
# CURTISS - WRIGHT IMR TEST LABS

## Failure Analysis and Hosted Inspection Services



[www.imrtest.com](http://www.imrtest.com)





## Nonmetallics Failure Analysis

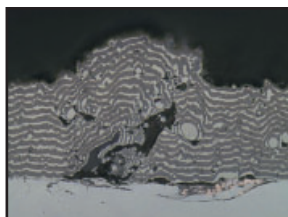
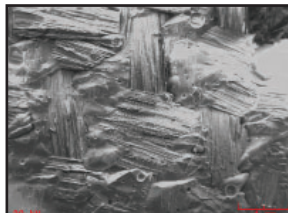
We are a full-service lab, capable of performing a complete failure analysis on your plastic materials. From macroscopic evaluations, fractography and material identification, we have the tools and experience to handle your toughest failures and production problems.

In addition, IMR is one of the few labs possessing the capability to analyze both metals and plastics at one time.

We can provide insight into:

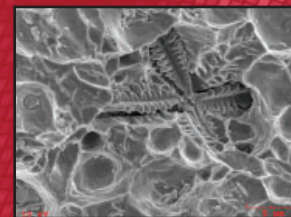
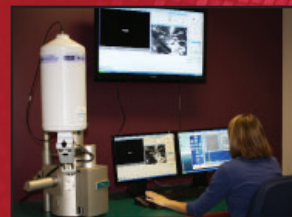
- Failure Mechanism
- Applied Stresses
- Fracture Origin
- Trace Contaminants
- and much more

Let our experts handle your toughest polymer and plastics failure tests!



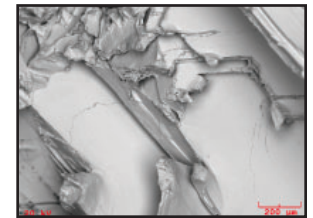
## Failure Analysis Services

- Fracture Evaluation
- Failure Mode Determination
- Fatigue
- Fractography
- Overload
- Ductile/Brittle Failures
- Chemical Attack
- Stress Corrosion Cracking
- Corrosion Simulation and Failure
- Contamination and Corrosion Analysis
- Particle Analysis/Identification
- Filter Residue Analysis
- Process/Manufacturing Problem Analysis
- Material Selection/Processing/Design
- Recommendations
- Engineering/Process Problem Solving and Consulting
- Hosted Inspections
- Weld Analysis
- Litigation Related Failure Analysis
- Expert Services Consulting
- Third Party Inspections/Examinations



## Failure Analysis Applications

- Manufacturing Troubleshooting
- R&D Support
- Litigation Investigations
- Insurance Claim Support
- Quality Control
- Warranty Return Issues



## Investigations & Inspections Hosting

Our laboratories have a long history of supporting and hosting formal failure analyses and multiple party investigations. Hosted inspections can include many engineers, forensic investigators, claims adjusters and attorneys.

We have supported litigation and insurance claim investigations as an independent third party lab, or in technical support of engineering companies, law firms or insurance companies.

IMR's labs have been approved and appointed by courts as a referee analysis lab. We can prepare professional inspection protocols. All three labs are accredited to perform standard, accepted test methods - No Junk Science!

With the necessary capacity and equipment, we offer complete and efficient inspection hosting services. We have machine shops to section and prepare specimens, mechanical testing equipment, chemical analysis instrumentation and optical and electron microscopes.

