## Anderson Materials Evaluation, Inc.

Materials Characterization and Failure Analysis Laboratory



Email <u>ContactUs@AndersonMaterials.com</u> Website: <u>www.andersonmaterials.com</u>

## Sample Submission

Date of Submission	
Company, Institution Name	
Billing Address	
Billing Contact & Telephone #	
Billing Contact Fax & E-mail	
Technical Contact & Tel. #	
Technical Contact Fax, E-mail	
Material Description:	
What is known about the material including hazards relevant to analysis. MSDS should be provided if possible. Chemical formula, recognizable name, and component materials, where known (must be given for DSC Analysis* or we must determine it ourselves at further cost)	
Sample Size and Shape	
Can the samples be cut or destructively analyzed?	
What environment has material been exposed to? How has material been handled?	

9051 Red Branch Road, Suite C Columbia, MD 21045-2103 Phone 410-740-8562 Fax 410-740-8201

Background of issues being addressed	
The more information you give us, the more we can be sure to effectively address the reasons for which you want the analysis, both in the data we obtain and in our explanations in our analysis report. Proprietary information will be respected. You may want to discuss the appropriate analysis plan with us to address these issues.	
Description of information to be obtained by our measurements	
(for example, surface elemental composition, thermal expansion between 25 and 200°C, glass transition temperature, particle size and shape, alloy composition, polymer identification, fiberglass weight percentage, etc.)	
When are results needed? Expedited results may incur a surcharge. Preliminary reports may be provided if requested.	
Are Samples to be Returned? Additional fee of at least \$30 applies, larger objects may cost more. Please provide address to which samples should be returned.	
Scientists at AME with whom you have spoken about this analysis	
How did you learn about AME?	

\* The DSC cell is very corrosion sensitive, so we often cannot analyze materials with F, Cl, Br, & I or other corrosive materials. Materials not corrosive at room temperature often become so at elevated temperatures. If you are submitting a material for DSC Analysis, you must attest that if your material destroys the DSC cell by corroding it, your company or institution will pay the \$3000 cost to replace the DSC cell. We must have appropriate information on materials for DSC analysis so that the DSC cell will not be destroyed. Please discuss this with us if you are asking for DSC analysis.