

**IME 301 Engineering Materials**  
**Laboratory Two: Processing- Structure-Property Relationships**  
**Data Sheet**

**Introduction**

Summarize the relevant background subject matter, learned from the first lab experiment: Processing-Property Relations which is relative to this experiment.

Summarize the relevant background subject matter, discussed in the first class session which is relative to this experiment.

Based on the information in the two boxes above, what is your well thought out justified prediction?

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**Methodology**

What experimental data/information will be used to robustly test your hypothesis?

What was the experimental procedure?

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**Discussion**

Which results appear to confirm your hypothesis? How? Why?

Which results appear to refute your hypothesis? How? Why?

Based on the above what conclusions can you make? Do you have any recommendations?