

PU 204: Physical Testing of Polyurethane Foam

Introduction

Testing Jargon

- Temperature/Humidity Effects in Manufacturing and Testing
- Anisotropy in Foam
- Modulus and Poisson's Ratio
- Strain Rate/Temperature Effects

Individual test methods

- Rigid Foam Methods
- Flexible Foam Methods
- Miscellaneous Methods
- Sound/Vibration Methods
- Thermal Analysis Methods

Conclusion

- Using and Understanding the Data
- Test Result Variability
- Writing Specifications/Data Sheets
- Types of Standards