

## PU 102A: Flexible Polyurethane Market Overview

- Flexible Polyurethane Foam Market
- Polyurethane Chemistry Refresher
- Foam Test Methods: How to Characterize
- Raw Materials
  - Polyols
  - Isocyanates
  - Surfactants
  - Catalysts
  - Additives
  - Auxiliary Blowing Agents
- Flexible Foam Processing
  - Molded vs. Slabstock
  - Conventional Slabstock
  - CO<sub>2</sub> Foaming
  - Variable Pressure Foaming
  - Molded Foam
- Types of Foam
  - Conventional foams
  - High resilience (HR) foams
  - Combustion modified HR foams (CMHR)
  - High load bearing foams
  - Soft/supersoft foams
  - Viscoelastic foam
  - Specialty foams
- Applications
  - Bedding
  - Furniture/Seating
  - Carpet Cushion
  - Transportation
  - Technical Products