

PU 102: Flexible Polyurethane Market Overview

Flexible Polyurethane Foam Market

Polyurethane Chemistry Refresher

Foam Test Methods: How to Characterize

Raw Materials

- i. Polyols
- ii. Isocyanates
- iii. Surfactants
- iv. Catalysts
- v. Additives

Flexible Foam processing

- i. Conventional Slabstock
- ii. CO₂ Foaming
- iii. Variable Pressure Foaming
- iv. Molded Foam

Types of Foam

- i. Conventional Foams
- ii. High Resilience (HR) Foams
- iii. Combustion Modified HR Foams (CMHR)
- iv. High Load Bearing Foams
- v. Soft/Supersoft Foams
- vi. Viscoelastic Foams
- vii. Specialty Foams

Applications

- i. Bedding
- ii. Furniture/Seating
- iii. Carpet Cushion
- iv. Transportation
- v. Technical Products