

# Elastomeric Foams

Development of foams with improved structures and properties.

## Lab-scale production facilities

Compounding in roll-mill

Thermoforming in hot-plate presses

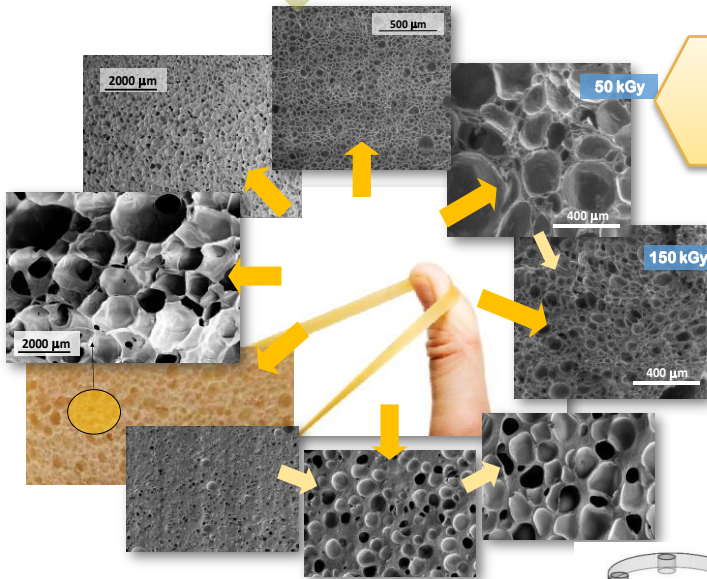
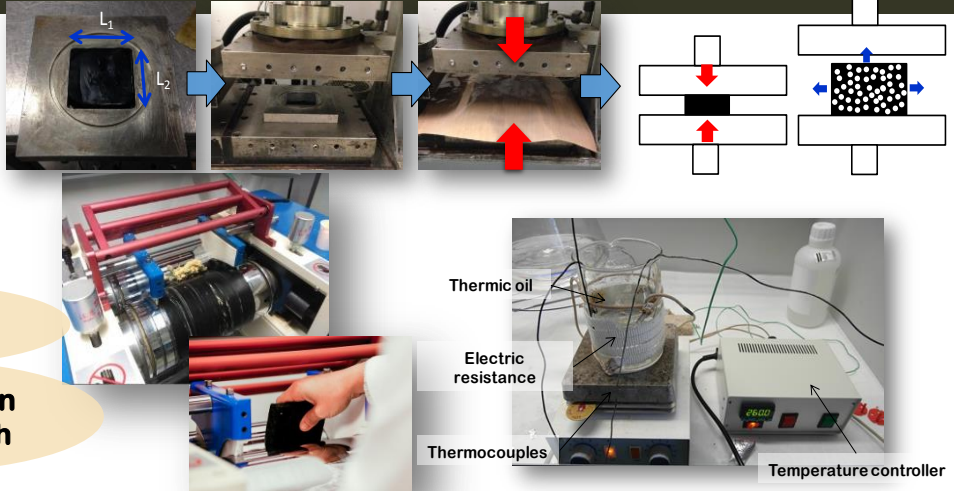
### Foaming processes

Gas dissolution

Compression moulding

Free foaming in moulds

Free foaming in heated oil bath

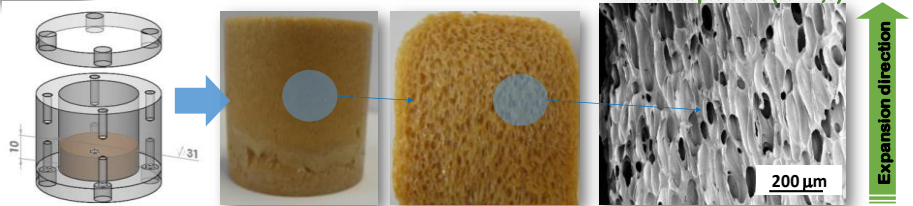


Wide range of densities: 30-900 kg/m<sup>3</sup>  
Tailored cellular structures

Cross-linking by Sulphur, peroxides and electron beam

Adapted characterization methodology:  
gel content, cross-linking density, mechanical properties and cellular structure

Novel methodology to control cellular anisotropy



Wide range of elastomers: EPDM, natural rubber, etc. for different applications

