

## OPTIMIZATION OF THE PROCESS



**WE OFFER:** OUR EXPERTISSE IN MODELIZATION, ANALYSIS OF PROPERTIES AND PROCESSING PARAMETERS FOR FOAMED PRODUCTS PRODUCED BY COMPRESSION MOLDING.

### TOOLS

- EVALUATION OF RHEOLOGICAL BEHAVIOUR OF POLYMERIC MATRIX
- TESTING OF THE PROCESS AT LABORATORY SCALE
- ANALYSIS OF BOTH CROSSLINKING AND FOAMING PROCESS

### BENEFICIOS

- HIGHER REPRODUCIBILITY OF THE PROCESS. REDUCTION OF THE NUMBER OF DISCARDED PRODUCTS.
- USE OF RAW MATERIALS MORE ADEQUATED TO THE PROCESS.
- COSTS REDUCTION
- OPTIMIZATION OF FORMULATIONS



## OPTIMIZATION OF THE PRODUCT



**WE OFFER:** THE POSSIBILITY OF HAVING MATERIALS WITH IMPROVED PROPERTIES AND HIGHER EFFECTIVENESS IN THEIR APPLICATIONS.

### POSSIBILITIES

- FOAMS WITH IMPROVED CELLULAR STRUCTURES
- PRODUCTS WITH LOWER THERMAL CONDUCTIVITY.
- GENERATION OF MATERIAL WITH BETTER MECHANICAL PERFORMANCE.

### BENEFITS

- POSSIBILITY OF OPENING TO MARKETS IMPOSING MORE RESTRICTING REQUIREMENTS.
- CHANCE TO INCREMENT THE QUALITY OF THE PRODUCT WITHOUT HIGH INVESTMENTS.

### MATERIALS

- CROSSLINKED OR NON-CROSSLINKED LOW DENSITY FOAMS PRODUCED BY ONE OR TWO-STEPS COMPRESSION MOLDING.
- POLYOLEFINS

### FURTHERMORE:

- LOW COST INDUSTRIAL TRIALS. OPTIMIZATION OF FORMULATION AT CELLMAT TECHNOLOGIES FACILITIES.
- INDUSTRIAL SCALING UP SUPERVISED BY THE STAFF OF CELLMAT TECHNOLOGIES.
- SPECIFIC TRAINING FOR THE PERSONNEL INVOLVED IN THE PRODUCTION OF THE PRODUCT.
- HIGH LEVEL OF COMMITMENT WITH OUR CUSTOMERS.
- QUICK RESPONSE.

### CONTACT US FOR FURTHER INFORMATION

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