

OPTIMIZATION OF THE PROCESS

WE OFFER: SIGNIFICANT IMPROVEMENTS IN THE OUTPUT OF THE PROCESS

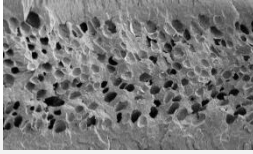
HERRAMIENTAS

WE APPLY OUR KNOW-HOW ABOUT FOAMED MATERIALS TO YOUR INJECTION MOLDING PROCESS

PROCESSING PARAMETERS:
DESIGN OF EXPERIMENTS

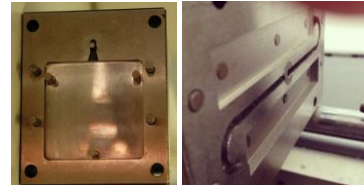
OPTIMIZATION OF FOAMING INJECTION MOLDING PROCESS

ADDITIVATION OF
POLYMERIC MATRIX



BENEFITS

- HIGHER REPRODUCIBILITY OF THE PROCESS.
- REDUCTIONS IN CYCLE TIME.
- IMPROVEMENT OF PARTS SURFACE QUALITY.
- INCREMENT OF WEIGHT REDUCTION PERCENTAGE.
- MORE HOMOGENEOUS CELLULAR STRUCTURES.
- REDUCTION OF DENSITY GRADIENTS AND/OR FLOW LINES.



OPTIMIZATION OF THE PRODUCT

WE OFFER: THE POSSIBILITY OF GENERATING MULTIFUNCTIONAL MATERIALS WITH IMPROVED PROPERTIES.

POSSIBILITIES

- PRODUCTS WITH IMPROVED CELLULAR STRUCTURES, (SMALLER CELL SIZE AND BETTER CONTROL OF SKIN-CORE STRUCTURE)
- PRODUCTION OF MATERIALS WITH HIGHER MECHANICAL RESPONSE BUT WITH SIMILAR WEIGHT REDUCTION.
- COSTS REDUCTION.

BENEFITS

- POSSIBILITY OF OPENING TO MARKETS IMPOSING MORE RESTRICTIVE REQUIREMENTS.
- HAVING THE CHANCE OF IMPROVING THE QUALITY OF THE PRODUCT WITH LOW INVESTMENTS.

MATERIALES

- FOAMED PARTS PRODUCED BY FOAMING INJECTION MOLDING.
- THERMOPLASTIC POLYMERS AND THERMOPLASTIC ELASTOMERS.

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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