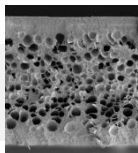


# FOAMING INJECTION MOLDING

## LOW PRESSURE FOAMING INJECTION MOLDING TECHNOLOGY

WHAT DOES IT OFFER?

PRODUCING PARTS WITH SIGNIFICANT WEIGHT AND COSTS REDUCTION USING BOTH MACHINERY, MOLDS AND CURRENT TECHNOLOGY.

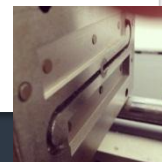


GENERATION OF STRUCTURAL CELLULAR MATERIALS  
SOLID OUTER SKIN-INTERIOR FOAMED CORE



### ADVANTAGES OF THE PROCESS

- **SIGNIFICANT RAW MATERIAL AND COSTS REDUCTIONS**, (UP TO A 40% DEPENDING OF THE THICKNESS OF THE PART).
- **REDUCTION IN PARTS PRODUCTION COSTS.**
- **MINIMAL ECONOMIC INVESTMENTS**, CONVENTIONAL MACHINERY AND MOLDS. SUITABLE FOR BOTH HOT AND COLD RUNNER SYSTEMS AND MULTICAVITY MOLDS.
- **REDUCED CYCLE TIMES**, (THE REDUCTION DEPENDS ON PART THICKNESS).
- **LOWER CLAMPING FORCES** WHICH IMPLIES HIGHER DURABILITY OF MOLDS AND SAVINGS IN ENERGY CONSUMPTION AND/OR THE POSSIBILITY OF USING LOW CLAMPING FORCE INJECTION MOLDING MACHINES.
- **OPTIMUM SURFACE QUALITY.**
- **FREE TECHNOLOGY**, NO LICENSE PAYMENT IS REQUIRED FOR ITS IMPLEMENTATION.
- **ADEQUATE FOR EVERY TYPE OF PRODUCTS** EVEN FOR FOOD CONTACT ONES.

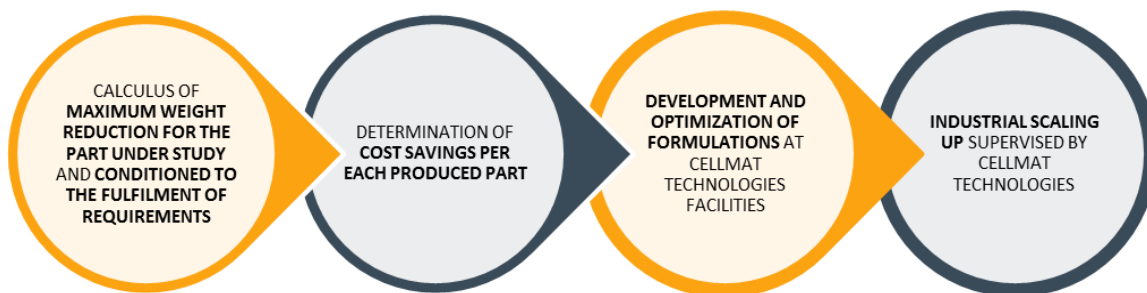


**THERMOPLASTIC POLYMERS AND THERMOPLASTIC ELASTOMERS TECNOLOGÍA BASED ON CHEMICAL BLOWING AGENTS**



### WHAT DOES CELLMAT TECHNOLOGIES OFFER?:

FULL IMPLEMENTATION OF THE PROCESS IN INDUSTRIAL PLANTS



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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