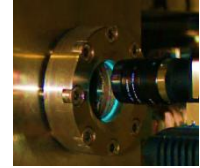
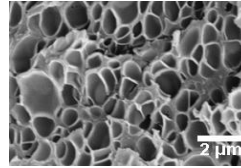


OPTIMIZATION OF THE PROCESS

WE OFFER: ANALYSIS OF THE PROCESS AND OPTIMIZATION OF PROCESSING PARAMETERS TO OBTAIN PRODUCTS WITH BETTER PERFORMANCE

- AUTOCLAVES TO WORK UNDER DIFFERENT CONFIGURATIONS, (PRESSURE, TEMPERATURE.)
- HIGH PRESSURE SIGHT CELL EQUIPPED WITH WINDOWS TO VISUALIZE THE PROCESS.
- PROCEDURES TO DETERMINE BOTH SOLUBILITY AND DIFFUSIVITY OF THE GAS INTO THE POLYMER.

TOOLS



- TESTING OF MATERIALS AT LABORATORY SCALE. REDUCTION OF THE NUMBER OF INDUSTRIAL SCALE TRIALS
- OPTIMIZATION OF PROCESSING PARAMETERS.
- IMPROVEMENTS ON THE QUALITY OF THE MATERIALS.
- POSSIBILITY OF GENERATING PARTS WITH SIMPLE DEFINED GEOMETRIES, (NET-SHAPED PRODUCTS).

BENEFICIOS

FINAL PRODUCT OPTIMIZATION

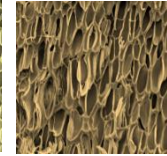
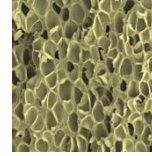
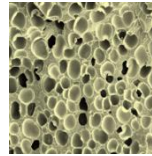
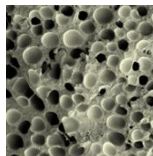
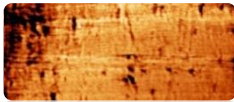
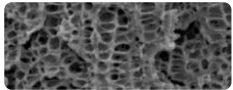
WE OFFER: THE POSSIBILITY OF OBTAINING MULTIFUNCTIONAL PRODUCTS WITH BETTER QUALITY AND WITH SIGNIFICANT WEIGHT REDUCTIONS

POSSIBILITIES

- MATERIALS WITH IMPROVED CELLULAR STRUCTURES.
- IMPROVED THERMAL INSULATION CAPABILITY, (REDUCTION OF λ VALUES)
- OBTENTION OF MATERIALS WITH BETTER MECHANICAL PERFORMANCE.
- POSSIBILITY OF GENERATING ANISOTROPIC (HIGHLY ORIENTED) CELLULAR STRUCTURES

BENEFITS

- POSSIBILITY OF WIDENING THE RANGE OF APPLICATIONS OF THE PRODUCT AS WELL AS ITS MARKET.
- OBTENTION OF HIGH QUALITY MULTIFUNCTIONAL PRODUCTS: IMPROVEMENT OF COMPETITIVENESS.



MATERIALS

ANY TYPE OF FOAMED PRODUCTS PRODUCED BY GAS DISSOLUTION. THERMOPLASTICS POLYMERS AND THERMOPLASTIC ELASTOMERS. TODO

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.

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