DEVELOPMENT OF TAILORED PRODUCTS BASED ON BIOPLASTICS

WE OFFER OUR CUSTOMERS THE POSSIBILITY OF SUBSTITUTING CURRENTLY USED CONVENTIONAL POLYMERS BY A BIOPLASTIC FORMULATED ACCORDING TO THEIR NEEDS.

WHAT DOES CELLMAT TECHNOLOGY OFFERS?

- The customer defines both the production process requirements and the specifications that must be fulfilled by the part.
- We analyze the differences between the product currently produced and the one based on a bioplastic.
- We do substitute raw materials based on conventional plastics by a tailored one based on bioplastics which meets the specified requirements.
- If necessary, it will be carried out a first phases of simulation and prototyping and a second one of validation at the plant.
- Evaluation of current system
- Differential costs analysis, performance and impact on customers
- Substitution of raw material
- Machinery adjustment
- Maintenance
- Of both the new equipments and the output of the industrial production plant.

ADVANTAGES OF USING BIOPLASTICS

- The implementation of products based on bioplastics can become a solution of the social, economic and environmental problematic generated due to the use of oil-derived polymers. Bioderived and/or biodegradable products.
- Tax benefits promoted by the legislation. We play down the difficulty of conciliating economic development and sustainability.
- Important chance for companies of different market sectors in which are produced short-life cycle products (disposable elements) where biodegradability becomes an added value.
- Bioplastics can be processed using conventional machinery.
- Reduction of carbon footprint associated to the production of element under consideration.

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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