

TECHNICAL ASSISTANCE

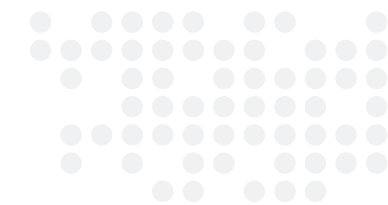


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PLASTICS TECHNOLOGY
CENTRE



innovation
IN PLASTIC



TECHNICAL ASSISTANCE

REGULATORY ASPECTS

PACKAGING SECTOR	Food contact compliance:
	→ Food contact plastics
	→ Recycled plastics for food contact applications
	→ Food safety protocols: BRC, FSSC 22000, IFS PacSecure
	→ Good Manufacturing Practices (GMPs)
	Legislation on packaging and packaging waste
	Legislation for pharmaceutical and cosmetic packaging
	Regulatory requirements for construction products
	Regulatory requirements for Electrical and Electronic Engineering industries (EEI)
	Environmental legislation and procedures
	REACH
	CE marking and product certification
	Search for regulatory requirements for a specific product
	Continuous updating on standards and legislation (DSI)



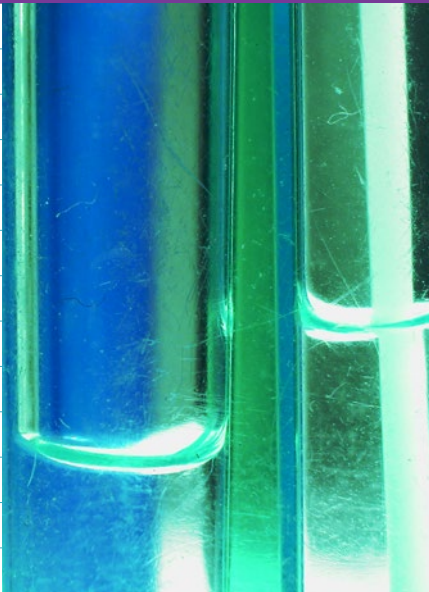
MANUFACTURING

Selection of machinery, tools and ancillary equipment
Setting-up and optimization of manufacturing lines
Processing trials of new materials
Assessment for solving processing problems
Process audits
Definition of plans for process control
Energy optimization of manufacturing lines



MATERIALS AND PRODUCTS

Development of new materials and products
Replacement of traditional materials with plastic
Composition analysis of unknown samples
Selection and search for commercial materials and suppliers
Development of tailor-made materials
Comparative studies
Improvement of properties of a product or material
Obtaining of samples materials and compounds
Feasibility analysis of a new product
Obtaining of product prototypes and pre-series
Product diversification strategies
Weight reduction
Ecodesign



FAILURE ANALYSIS

Breakage or defects in plastic products
Odour problems
Non-compliance with specifications
Technical assistance in appraisals and arbitrations



SUSTAINABILITY

Recycled materials

- Analysis, characterization and compliance with specifications
- Search for feasible uses and applications
- Improvement of product recyclability
- Odour reduction or elimination
- Reduction and exploitation of scrap / non-conforming products
- Properties improvement

Bioplastics (biodegradable, compostable or bio-based)

- Determination of biodegradability / compostability of materials and products
- Assessment on materials and processing

Environmental control

- Environmental impact: carbon footprint, Life Cycle Assessment (LCA)
- Emission control
- Environmental management audits

Obtaining of logos and eco-labels



COMPETITIVE INTELLIGENCE

State-of-the-art reports

Tailor-made information services

Development of customized Technology Watch Systems



QUALITY

Development of technical data sheets

Supplier audit

Definition of quality control plans and product validation

Assessment on quality control equipment

Quality management audits



KNOW-HOW

TAILOR-MADE WORKING GROUPS

Each specific assessment rely on a multidisciplinary team of experts adapted to your needs

More than 25 years of experience offering solutions to the plastics industry for any application

EXPERIENCE AND EXPERTISE

ACCREDITED LABORATORIES

Our laboratories are internationally accredited according to ISO 17025, with a scope including more than 190 tests

Our facilities cover more than 20 manufacturing processes and 2,000 m² of pilot plants at your disposal

LEADING TECHNOLOGY

