



CRITT MATÉRIAUX
P O I T O U - C H A R E N T E S



MÉTALUX

POLYMÈRES

COMPOSITES

CRITT Materials is the Centre for the Innovation and Transfer of Material Technologies of the Poitou-Charentes region.

Since 1992, the CRITT boasts national recognition for its expertise:

- On metallic materials : analysis and control
- On thermoplastic and thermosetting polymers, foams
- on reinforced plastics and friendly environmental materials
- Adhesive bonding
- From the micro-specimen up to structure approval
- On the long-lasting capacity of automated controls and mechanisms
- Of on-board and on-site trials

RESEARCH AND DEVELOPMENT DEPARTMENT

Our specialised and experienced team can offer you the following services :

- Physicochemical, thermal et thermo mechanical characterisation
- Definition and or development of specific characterisation procedures
- Development, innovation and applied research studies
- R&D projects with support from institutions
- Training

• R&D Projects

In order to improve their techniques and be more competitive, companies must change, but these changes require a lot of effort, both financial and personal. Thanks to support from French and European institutions, teaming up with technical centres such as CRITT materials or university laboratories, your company can acquire new expertise, develop new materials and improve its processes...

CRITT Materials can help you set up your projects (analysis of requirements, help in drafting the preliminary report...), and ensure its smooth running (coordination, communication...).

• THE THEMES (cf. Specific description sheet)

We work on all subjects concerning materials, adhesives and adhesive assembly. Nevertheless, our studies and development or applied research projects focus on four main themes:

- Structural bonding
- Aging and durability of composite polymers and adhesive bonded structures
- Procedures of usage and recycling composites
- Friendly environmental materials

DEVELOPMENT, INNOVATION AND APPLIED RESEARCH STUDIES

The engineering study group covers all services of technological transfer, innovation, or resolution of material issues by the CRITT for its clients.

Our team of engineers and technicians backed up by laboratory trials and analyses can take charge of a complete issue with which our client is faced.

These tasks can be completely delegated to the CRITT or accomplished in partnership with the client.

DEFINITION AND DEVELOPMENT OF SPECIFIC CHARACTERISATION PROCEDURES

According to your needs, we can implement or adapt qualification procedures when they are not governed by any specific norms or frames of reference: mechanical tests, physicochemical measurements or analyses, accelerated aging tests, etc.

TRAINING

According to your needs, we can provide awareness and training sessions within the company or at the CRITT centre.

Example of themes:

- Adhesive assembly
- Procedures for working with composites
- Mechanical and physical behaviour and procedures for working with thermoplastic polymers
- Quality for test laboratories



CRITT MATÉRIAUX Poitou-Charentes
40 bis avenue Marcel Dassault - boîte postale 30 115
17303 ROCHEFORT cedex
tél : +33 546 83 90 26 - fax : +33 546 99 65 88
site internet : www.critt-materiaux.com
e-mail : developpement@critt-materiaux.com