

WEAR & FAILURE OF POLYMER AND COMPOSITE PARTS

Understand and anticipate plastic, composite and elastomer material breaks



Your expectations

Having experienced a failure for a composite, plastic or elastomer part or a paint coating, you want to:

- identify causes, understand origins and find solutions to guarantee your product quality
- identify the responsibilities for each contributor in order to improve your organization

Our solutions

According to your needs, realize a full study of every parameter related to failure with:

- on-site expertise
- material analysis: break analyses, geometric and material-condition analysis, material mechanical and physico-chemical characterization
- in-lab simulation: accelerated ageing simulation, structure dimensioning, computation/tests matching, defects nocivity simulation
- manufacturing and control process analysis
- support for process redesign and improvement

Your benefits

- Cetim's general approach which combines multiple skills and handles failure from origin to solution in order to help you reduce costs
- as the French leader in failure analysis and mechanical expertise with a wide experience of more than 30 000 cases, Cetim guarantees you neutral and reliable results
- access to most advanced technologies, means and experts to help you innovate