

The Pôle Européen de Plasturgie, situated at the heart of Plastics Valley in the Ain department and Rhône Alpes region (France), is a unique research, development and technical support facility dedicated to the plastic industry. Created in 1989, by and for industrialists, it is an ever-present partner in the development of the industry. Located within a naturally conserved environment with exceptional transport links, the Pôle Européen de Plasturgie offers, over its 9,000 square metre site, a unique technical centre for the plastics industry in France and in Europe.



The Pôle Européen de Plasturgie: The privileged technical partner of the plastic industry, the reference in R&D

The Pôle Européen de Plasturgie is, in France and in Europe, a partner of reference for companies in the development and realisation of their projects, the design of new products, the control of their production procedures and of their production costs.

Its broad-based structure and organisation, its knowledge and mastery of innovative technologies ensure an original approach, placing innovation at the heart of the growth and competitiveness of its partner companies.



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Technological
Centre

Research and
Development

Technology
Watch

Aujourd'hui pour demain

Research

Development

Service

A multidisciplinary team and state-of-the-art equipment accompany companies in their research projects with the help of regional, national and international programmes.



The research activities led by PEP are always undertaken within the framework of industrial application. They always reflect the preoccupations of companies faced with ever changing work practices and ideas.

The four main areas within which the Pôle Européen de Plasturgie works are:

Tooling

Processes

Materials

Computer simulation



In order to enrich its know-how and extend its skills, the Pôle Européen de Plasturgie is in constant touch with numerous networks and carries out a thorough scientific watch on these themes.

The industrial development service answers a need for outsourcing industrial projects according to customer's needs. A dedicated team, backed up by the organization's equipment and skills, undertakes the development of products from the writing of the specification to the manufacture of pre-production parts including parts design, tool making follow-up, tool trials and product set-up (metrology and qualification trials).

Process development

On-site expertise of failing process



Development also includes the following services:

Rapid manufacturing service

Rapid tooling
Rapid manufacturing of polymer parts
EOS metal laser sintering machine



Engineering department

CAD
Structure analysis
Rheological studies

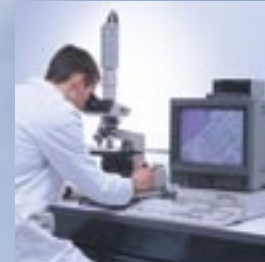
Documentation and Technology watch service

Technology watch
Materials research
Watch information system: www.plasturgienet.com

The different services offered by the Pôle Européen de Plasturgie allow industrialists to specifically meet their day-to-day requirements.

The testing laboratory

Material and process quality control
Expertise in failure analysis
Tests according to specifications
Validation of automobile sector parts (Self agreement Renault)



Technological platform

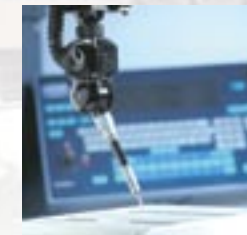
Validation and optimisation of tooling centre
Validation of transformation techniques
Injection moulding machines from 15T to 2200T
Rotational moulding, thermoforming, blow moulding

Professional training service

Professional training using all the skills of the site
Intra-company and Inter-company training
Ready made or Tailor-made courses

The Metrology service

2D or 3D metrology of parts or moulds
Capability studies



Research applied to industry

Bring your ideas to life

Your partner in industrial performance