

PumPlastique – Technical Capabilities

Injection • Extrusion • Assembly • Industrial Plastics

Injection Molding Capabilities

Production of technical and aesthetic plastic components for industrial applications. Our injection molding processes are optimized for repeatability, dimensional stability, and cost efficiency.

Parameter	Capability
Materials	PP, PE, ABS, PC, PA, POM, TPE
Shot weight	Up to 1,200 g
Part size	Up to 800 x 600 mm
Tolerance	±0.05 mm (depending on geometry)
Production volumes	Small to large series

Extrusion & Profiles

Continuous extrusion of plastic profiles and technical components, with integrated cutting, drilling, and finishing operations.

- Custom technical profiles
- Tubes, guides, protection elements
- Post-processing: cutting, drilling, packaging

Assembly & Kitting

We provide complete sub-assemblies and ready-to-use kits, reducing handling and logistics complexity for our customers.

- Mechanical assembly
- Insert integration
- Labeling and traceability
- Industrial packaging

Materials & Sustainability

Material selection is performed according to mechanical, thermal, and environmental constraints. When technically feasible, recycled or optimized materials are proposed.

- Recycled polymers (PCR / PIR)
- Material mass optimization
- Controlled internal recycling of production scrap

Quality & Industrial Control

Quality assurance is embedded in our production process, from material reception to final inspection.

- Incoming material verification
- In-process dimensional control
- Batch traceability
- Inspection reports on request

PumPlastique – Belgium & United Kingdom
contact@pumplastique.com | +32 2 555 01 40