



Compounding with co-rotation extrusion

At AIMPLAS, we use our wide range of technical knowledge to respond to the specific needs of your company through tailor-made courses. The content of one course can be combined with others, and we can even propose new content by creating courses adapted to your company's specific requirements.

Our courses stand out for their flexibility in terms of dates and scheduling, location (at the company or AIMPLAS), format (face to face, videoconference or blended) and the option of adapting the teaching materials.

Request an estimate and our technical training staff will contact you.

Programme

Introduction to compounding

Control process

Peripherals and mixing systems

Additives and fillers

Plastic compounding examples

- Description of mixing phenomena and compounds
- Description of the twin-screw extruder, its components, screws, screw elements, screw design and simulations
- Problems arising from compound production
- Description of control process and the extruder's response variables
- Interpretation of response variables.

- > Extruder process modification to achieve the expected performance
 - > Production control and quality of extruded compounds
 - > Peripheral equipment and operations: feeders, pelletizers, cooling baths, etc.
 - > Other extruders: counter-rotating, kneader, planetary and single-screw extruders
 - > Description of the additives, fillers and reinforcements most commonly used in the plastics industry
 - > Formulations
 - > Property improvements through additivation
 - > How additives, fillers and reinforcements affect processing
 - > Description of the most common plastic compounds and their specific features in production: wood-plastic composites, fillers, fibreglass, blends, colour
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Methodology

- > We help you to set up a tailor-made course adapted to the real needs of your company.
 - > We will advise you to draw up the contents for the best possible training with the optimum duration.
 - > In addition, the course can be carried out face to face, at the AIMPLAS facilities or at your company, by videoconference, online or, if you prefer, in combination.
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Organized by:

