



Mastering Additives, fillers and fibres: The base for the best plastic products performance

Almost 100% of the plastic products on the market have been modified with additives, fillers, reinforcements, or combinations of all of them. The main reason of that is to achieve novel final properties, improve processing, adapt to new regulations, stabilize plastics or even reduce costs in plastic items.

Being able to know the function, dosing and processability of each type of additive, filler or reinforcement is of vital importance to achieve the desired final properties.

This training will describe the functions and effects of each additive, filler or reinforcement, they will be related to each polymer, regulations, type of processing and the most commonly used formulations.

With this knowledge the attendees will be able to properly select their pack of additives, fillers and reinforcements, as well as to achieve an optimal balance of properties, processability and final cost.

Plazo preinscripción

Hasta el 28 de junio 2024 o hasta completar aforo



Fecha y horario

Del 01 de jul al 31 de
dic 2024



Duración

12 horas lectivas



Ubicación

Online



Precio

Empresa asociada:
520€

Empresa no asociada:
650€

Unemployed 520€ 10%
discount on the second
attendee from the same
company 10% discount if you
register three weeks before the
beginning of the course Prices
exempt from VAT

Objetivos

- To Know the Most important additives/ fillers or fibres that are added to plastics.
 - To know how they work and possible causes of failure.
 - To know what to add/mix to a plastic to reach some given property.
 - Prevent and solve problems related to additives/fillers or fibres.
 - To know how to combine different additives.
 - To know how to Improve the quality of the final product.
 - How to Incorporate additives into a plastic.
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¿A quién va dirigido?

- R+D staff and professionals from raw materials suppliers, compounding to processing companies such as: Recycling, injection, extrusion, among others.
 - Priority will be given to registrations from associated industrial companies and customers.
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Temario

- Introduction
- Why to use additives
- Mechanisms of action and formats, how to incorporate them.
- Types of additives, description, and performance
- Typical formulations and applications
- Final properties in plastics, chain value.
- Potential failure causes
- Additives selection.

- > Description of fillers and fibres and their main characteristics
 - > Typical fillers and fibres for plastics: applications and performance
 - > Final properties of fillers and fibres in plastics and common Formulations.
 - > Potential failure causes
 - > Fillers or fibres selection.
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Convocatorias abiertas

Del 01 de jul al 31 de dic 2024

📍 Online

Profesorado



Luis Roca Blay

Personal investigador de AIMPLAS /
AIMPLAS Researcher

Metodología

- > The course has been designed to be made online through the AIMPLAS Plastics Academy website, so that those interested can take it in a flexible way, at any time and from anywhere.
- > The course is modular and consists of multimedia content developed by compounding experts.
- > A Q&A videoconference session with a maximum duration of one hour.
- > You will have fifteen calendar days to complete the course from the moment you decide to start it..

Organiza:

