



PVC: Compounding and formulation

Despite of the bad reputation of PVC this plastic is almost essential, hundreds of applications are based in this material due to its high degree of modification. Understanding all the additives and fillers and how they act in the PVC matrix is mandatory to obtain compounds with good quality to fulfill customer requirements.

Mixing it properly selecting the right mixing device will complement the goodness of the formula. These technical concepts are linked with the current scenario where PVC additives can be banned and the introduction of recycled plastic, circular economy and how it can affect to new formulas and applications.

Plazo preinscripción

Hasta el 23 de septiembre 2024 o hasta completar aforo



Fecha y horario

Del 24 de sep al 25 de
sep 2024

From 9:00 AM to 13:30
PM (CET)



Duración

9 horas lectivas



Ubicación

Online



Precio

Empresa asociada:
552€

Empresa no asociada:
690€

Unemployed 552 € 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 identify the most appropriated resins for the different applications: Molecular weights, K-Value, mechanical properties etc...
 - To understand how to modify properly rigid and plasticized PVC by additives or fillers addition. Thermal stabilization, impact modification, plasticization etc.
 - To correlate formulations with final properties and how additives and fillers apply for the most typical final products.
 - To understand the dry blending and compounding process of PVC: processing parameters, control process etc..
 - To position the PVC in the current scenario of circular economy.
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¿A quién va dirigido?

- Staff of production departments of PVC formulation companies & recyclers
 - Staff of R&D department of PVC formulation companies & recyclers.
 - Staff of Quality control department of PVC formulation companies
 - Raw materials companies: additives, fillers, pigment suppliers
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Temario

PVC FORMULATION PRINCIPLES

- Types of PVC resins and their main characteristics
- PVC applications
- PVC additives. Mechanisms of action, dosages, and effects
- Fillers. Typical fillers for PVC
- Typical formulations in rigid and flexible PVC

COMPOUNDING

- Dry blending

- > Plasticorder evaluation
- > Mixing equipment
- > Control process
- > Troubleshooting

PVC and SUSTAINABILITY

- > PVC recycling, challenges, and sources
- > PVC regulations and future perspective

Convocatorias abiertas

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📍 Online

Profesorado



Luis Roca Blay

Personal investigador de AIMPLAS /
AIMPLAS Researcher

Observaciones

- > [Cancellation and Rescission Policy](#)

Organiza:

