



How to Formulate plastics: Understanding additives, fillers and fibers

Objectives

- To understand the performance of additives and fillers/fibres.
 - To identify the relationship between additives/fillers/fibres and the product final properties..
 - To identify the most appropriated additives/fillers/fibres for each polymer.
 - To know the most common formulations.
 - To prevent inconvenients derived from the addition of additives/fillers/fibres.
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Who is it aimed at?

- Rerearch and technical profiles of plastic companies:compounders, recycling, extrusion and injection moulding companies.
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Programme

ADDITIVES. Description of each of the most used additives in plastics

- > Mechanisms of action
- > Typical formulations.
- > Selection criteria.
- > Applications & properties.

FILLERS AND FIBRE. Description of each of the most used fillers and fibres in plastics

- > Morphologies and its effects in mechanical and rheological properties
- > Typical formulations.
- > Selection criteria. Fillers and fibres most suitable for each application
- > Improvement of mechanical and physical properties
- > Typical Applications