



Understanding masterbatches: From compounding to the final product

Masterbatches are a specific compound that can give special properties to final products, since stability passing through processing and final performance properties, their effectiveness can be affected by different factors, controlling them will allow masterbatchers, compounders and converters to obtain the best performance in their products, saving time and energy and being more competitive.

Objectives

- The objectives of this webinar are to understand which factors are controlling the final performance of the masterbatches that we are using. Dispersion, rheology, percentage of loading, processing steps, quality control etc... and how to design and use it appropriately.

Who is it aimed at?

- This training because of the masterbatch implication in value chain is aimed at Masterbatchers, compounders, converters, and even raw material producers such as: pigments, fillers, waxes or polymer producers. It can help to improve masterbatch production stage as well as appropriated use when diluting during converting.
- Priority registration will be given to industrial companies and clients associated to AIMPLAS.

Programme

DEFINITION AND MB COMPONENTS

- > Definitions
- > Carrier resins
- > Types of Masterbatches
- > Formulations

MAIN CHARACTERISTICS OF A MB

- > Dispersion
- > Dilution
- > Chemical compatibility
- > Rheological compatibility
- > Let down Ratio

MB IN THE CHAIN VALUE

- > Masterbatch production
 - > Masterbatch in the final process
 - > Quality control
 - > Troubleshooting
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