



Summer School on Polymeric Networks for Sustainable Development

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Dynamics of immiscible blends

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This lecture explores the fundamentals of the dynamics of immiscible polymer blends.

Attention will be focused on the drop morphology and models for the single drop dynamics will be discussed both for the Newtonian and non-Newtonian case.

Constitutive equations inspired by these simple models will be introduced.

The lecture will be concluded with the discussion of the experimental strategy to characterize these systems.