



# Rheological Properties of Polymers

## VISCOELASTIC BEHAVIOR AND FLOW CHARACTERIZATION

### KEY WORDS

FLOW BEHAVIOR,  
VISCOSITY

### DESCRIPTION

Plastinnov offers rheological property determination services to evaluate the viscoelastic behavior and flow performance of polymers. Using techniques such as capillary rheometry, melt flow index (MFI) measurements, and rotational rheometry, the analysis provides information on viscosity, elastic and viscous responses, and processability under different shear and temperature conditions.

### AVAILABLE TECHNIQUES AND/OR EQUIPMENT

- Capillary rheometry
- Rotational rheometry
- Melt Flow Index (MFI)

### APPLICATIONS

- Optimization of polymer processing
- Extrusion
- Injection molding

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