



#### 1 | Dynamic mechanical analysis

MCR series and linear drive  
Dynamic mechanical thermal material characterization

#### 2 | Differential scanning calorimetry

Julia DSC series  
Melting and crystallization, and glass transition and curing behavior analysis

#### 3 | FTIR spectroscopy

Lyza series  
Qualitative and quantitative material characterization

#### 4 | Raman spectroscopy

Cora 5001 Fiber  
Real-time crystallization and composition analysis

#### 5 | Moisture analysis

Brabender Aquatrac-V  
Water-selective moisture analysis

#### 6 | Laboratory mixing

Brabender MetaStation series and internal mixer  
Processability evaluation of polymer formulations

#### 7 | Extrusion and compounding

Brabender Single- and Twin-Screw Extruder  
Lab- and pilot-scale extrusion for material and process development

#### 8 | Gas pycnometry

Ultrapyc series  
Preparation-free skeletal density measurement

#### 9 | Rolling-/falling-ball viscometry

Lovis 2001  
Intrinsic viscosity and molecular weight measurement

#### 10 | Rotational/oscillatory rheology

SmartMelt series  
Viscoelastic flow behavior

# Polymer Characterization and Processing

Polymer essentials

Comprehensive solutions for polymer  
characterization and processing, enabling  
faster development, reliable quality control,  
and optimized production



Find out more