



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



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