

## Non-linear Temperature Ramp of Polymer Composite

### Application Proof

Temperature profiles of polymer composites with multiple temperature ramp rates mimic conditions the materials undergo during processing. Responses to different rates of temperature increase in different temperature ranges may vary.

#### Instrument/Run Parameters

**Manufacturer/Model:** ATS RheoSystems/NOVA Rheometer  
**Measuring System Geometry:** 20 mm Parallel Plates  
**Non-linear Temperature Ramp:** Multiple Temperature Rates  
**Temperature Range (°C):** 25 - 175

#### Sample Parameters

**Sample Type:** Polymer composite  
**Pretreatment:** None  
**Sample Size:** 1 mL

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