

## Fast Oscillation Cure Profile of Rubber Compound

### Application Proof

Cure profiles provide information on the speed of structural changes taking place in a material at a constant temperature. They also provide insight into the time available for shape and/or structural changes to be made to a material at the given temperature. A fast oscillation mode, capable of measuring and recording data points at each second, provides necessary resolution for materials that cure quickly.

#### Instrument/Run Parameters

**Manufacturer/Model:** ATS RheoSystems/NOVA Rheometer  
**Measuring System:** 25 mm Parallel Plates  
**Geometry:**  
**Time (s):** 600  
**Temperature (°C):** 220

#### Sample Parameters

**Sample type:** Rubber compound  
**Pretreatment:** None  
**Sample Size:** 1 mL

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