

MOONEY VISCOSITY TEST TRAINING – RUBBER



- **Format:** Online self-learning module
- **Duration:** 2 hours
- **Target group:** Researchers
- **Level:** EQF 5 - 7
- **Provider:** University of Twente
- **Language:** English
- **Certificate:** Digital badge
- **Costs:** Free

Before rubber can be shaped into a finished product, it has to flow, and how easily it flows determines how well it mixes, extrudes, and molds. Mooney viscosity testing is the industry-standard way to measure this processability.

In this training module, you will learn how a Mooney viscometer measures a rubber compound's resistance to deformation under controlled shear, and how this relates to its molecular weight, filler content, and overall processing behavior. You will discover how to prepare and mount a sample correctly, run a test from preheating to torque measurement, and read a Mooney viscosity curve.

You will also learn how to interpret the results, recognizing what high or low viscosity values mean for processing, and how to troubleshoot common issues like unstable readings or premature curing.

**SCAN TO
START THE
FREE MODULE**



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