

CURE CHARACTERIZATION (MDR) TEST TRAINING – RUBBER



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

Vulcanization is the step that transforms raw rubber into a durable, elastic material, and understanding how a compound cures is essential for getting the process right. Cure characterization, commonly known as MDR testing, is the standard method for measuring this behavior.

In this training module, you will learn how a Moving Die Rheometer tracks torque development as a rubber compound cures, and how to interpret key parameters such as minimum and maximum torque, scorch time, and optimum cure time. You will discover how to prepare and load a specimen, run a test, and read a cure curve to distinguish between induction, crosslinking, and plateau or reversion behavior.

You will also learn how to export and interpret your results, and troubleshoot common issues that can affect torque readings.

**SCAN TO
START THE
FREE MODULE**

