

HARDNESS 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

How hard or soft a rubber compound is can tell you a great deal about its formulation, curing, and quality, and Shore A hardness testing is the fast, standard way to measure it. It's one of the simplest yet most informative checks in rubber characterization.

In this training module, you will learn how a Shore A durometer measures resistance to indentation, and how this relates to crosslink density, filler content, and curing state. You will discover how to calibrate the device, prepare and position a specimen correctly, and take reliable, repeatable readings across a sample.

You will also learn how to interpret hardness values for quality control, and how to avoid common measurement errors caused by specimen or handling issues.

**SCAN TO
START THE
FREE MODULE**

