

DIN ABRASION TEST TRAINING



- **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

Every time a tire, conveyor belt, or shoe sole rubs against a surface, it wears down, and predicting how fast is critical for durability. DIN abrasion testing is the standard way to quantify a rubber compound's resistance to this wear.

In this training module, you will learn how a rotating abrasive drum measures material loss in a rubber specimen, and how friction mechanisms like adhesion and hysteresis drive abrasion behavior. You will discover how to prepare and mount a specimen, run a controlled abrasion test, and calculate mass and volume loss.

You will also learn how to interpret results using the Abrasion Resistance Index, and how to spot and avoid common sources of measurement error.

**SCAN TO
START THE
FREE MODULE**

