

LAT100 ABRASION TEST TRAINING



- **Format:** Online self-learning module
- **Target group:** Researches
- **Provider:** University of Twente
- **Certificate:** Digital badge
- **Duration:** 3 hours
- **Level:** EQF 5 - 7
- **Language:** English
- **Costs:** Free

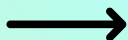
Tire treads don't wear in a straight line: they slip, turn, and grip under load on every road. The LAT100 abrasion test simulates these wear conditions in the laboratory, making it a valuable tool for predicting tire durability and comparing rubber compounds on a lab scale.

In this training module, you will learn how the LAT100 presses a rotating rubber wheel against an abrasive disc under controlled load, speed, and slip angle, and how these settings determine wear severity. You will discover how to prepare and weigh specimens, run a measurement, and calculate abrasion loss and wear rate.

You will also learn how to interpret your results, relate them to real-world tread wear performance, and avoid common sources of measurement error and variability.



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