

# Artificial Weathering

## Objective

Various test methods are used to investigate the resistance to weathering effects as well as to xenon arc light.



## The test is particularly well-suited for

- Textiles for outdoor wear, functional clothing, workwear and protective clothing
- Sun protection textiles
- Textiles used in automobiles
- Synthetic products

## Description

Textiles or synthetic products are tested according to given standards.

- Testing of materials according to various norms, e.g. DIN EN ISO 105-B02, DIN EN ISO 105-B04, DIN EN ISO 105-B06, DIN EN ISO 4892-2, DIN EN ISO 12402-7
- Evaluation and assessment of test results, e.g. change in colour
- Tests for change in material characteristics, e.g. water resistance or tensile strength

## Your advantages as customer

- Ensuring product properties after simulated weathering (ageing)
- Product optimization during development
- Evidence of function

## Report

After the tests are completed, a report is written with a detailed description of the test samples and the tests.

## Requirements for test samples

### **General information:**

Customer decides whether the test is to be carried out on new sample or after simulated use (reprocessing cycles).

### **Amount of material:**

Dependent on the tests to be carried out

### **Duration of testing:**

Dependent on the tests to be carried out