Repeated flex resistance (wet condition)

Objective

This test reproduces the stresses to which the materials are subjected during flexing movements, and is used to check the behaviour of the materials, their coatings finishes. It is particularly relevant for shoulder straps and handles.

Principle

The test consists of repeating a swinging flex motion after mounting a specimen on a special machine, commonly known as the Bally flexometer. The test can be performed dry and/or wet. The results correspond to the number of flexes taken to obtain deterioration of the material (crack, detachment, split, etc.) in wet conditions.

Type: Physical and mechanical test
Standard: EN ISO 5402-1
Products: Leather / Leathergoods
Criteria: Mechanical resistance

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CTC - 4, rue Hermann Frenkel - 69367 Lyon Cedex 07 - France - ctclyon@ctcgroupe.com - +33 (0)4 72 76 10 10