

Leather - Physical and mechanical tests - Determination of bending force (ISO 14087:2011)

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NATIONAL FOREWORD

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English Version

Leather - Physical and mechanical tests - Determination of bending force (ISO 14087:2011)

Cuir - Essais physiques et mécaniques - Détermination de la force de flexion (ISO 14087:2011)

Leder - Physikalische und mechanische Prüfungen - Bestimmung der Biegekraft (ISO 14087:2011)

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Foreword

This document (EN ISO 14087:2011) has been prepared by Technical Committee CEN/TC 289 "Leather", the secretariat of which is held by UNI, in collaboration with IULTCS "International Union of Leather Technologists and Chemists Societies".

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2012, and conflicting national standards shall be withdrawn at the latest by June 2012.

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Leather — Physical and mechanical tests — Determination of bending force

1 Scope

This International Standard describes a test method for the determination of the bending force of leather.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 2418, *Leather — Chemical, physical and mechanical and fastness tests — Sampling location*

ISO 2419, *Leather — Physical and mechanical tests — Sample preparation and conditioning*

ISO 2589, *Leather — Physical and mechanical tests — Determination of thickness*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

bending force

force exerted by the specimen on the measuring bar at a specified bending angle, bending length and bending rate

3.2

bending angle

angle at which the bending force is measured

3.3

bending length

length around which the specimen is bent

NOTE The bending length is the distance between the clamping device of the specimen and the bar onto which the force of the specimen is transferred.

3.4

bending rate

rate of bending of the specimen

NOTE The bending rate is expressed in degrees per sec (°/s).

3.5

compression bending

compression of the grain side or coating of the leather during bending