
**Paper and board — Determination
of moisture content of a lot — Oven-
drying method**

*Papier et carton — Détermination de la teneur en humidité d'un lot
— Méthode par séchage à l'étuve*

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Foreword

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For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 6, *Paper, board and pulps*, Subcommittee SC 2, *Test methods and quality specifications for paper and board*.

This fourth edition cancels and replaces the third edition (ISO 287:2009), which has been technically revised.

The main changes compared to the previous edition are as follows:

- precision data (previously in [Clause 11](#)) have been moved to [Annex A](#);
- editorial changes have been made for clarification and removal of inconsistencies.

Introduction

The determination of dry matter content and moisture content are carried out for different purposes.

ISO 638 is used in cases where the dry matter content is needed to calculate the result of chemical analysis or physical testing and when the determination of the moisture content of a sample, rather than a lot, is required. As an example, the dry matter content of the sample is needed to express the content of elements, such as cadmium and manganese, in relation to the oven-dry mass of the sample.

This document is used for the purpose of determining the average moisture content and the variation in moisture content (maximum and minimum values) of a lot. In the paper and board trade, the moisture content is important since it influences converting processes, such as printing and copying. The moisture content also has an influence on curl and dimensional stability.

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