

STN	Papier a lepenka Stanovenie drsnosti/hladkosti (metódy úniku vzduchu) Časť 2: Metóda podľa Bendtsena	STN ISO 8791-2 50 0419
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Paper and board
Determination of roughness/smoothness (air leak methods)
Part 2: Bendtsen method

Papier et carton
Détermination de la rugosité/du lissé (méthodes du débit d'air)
Partie 2: Méthode Bendtsen

Táto slovenská technická norma obsahuje anglickú verziu medzinárodnej normy ISO 8791-2: 2013 a má postavenie oficiálnej verzie.

This Slovak standard includes the English version of the International standard ISO 8791-2: 2013 and has the status of the official version.

Nahradenie predchádzajúcich slovenských technických noriem

Táto slovenská technická norma nahrádza STN ISO 8791-2 z decembra 2002 v celom rozsahu.

135443

Anotácia

Táto časť ISO 8791 špecifikuje metódu na stanovenie drsnosti papiera a lepenky pomocou prístroja podľa Bendtsena.

Táto časť ISO 8791 je použiteľná na papier a lepenku, ktoré majú hodnoty drsnosti podľa Bendtsena medzi približne 5 ml/min a 3 000 ml/min, ak sa merajú prístrojmi s meniteľnou plochou a medzi približne 50 ml/min a 5 000 ml/min pri meraní elektronickými prístrojmi. Nie je vhodná pre mäkké papiere, ktoré umožňujú, aby sa okraj hlavice významne vtlačil do povrchu, alebo pre papiere s vysokou priepustnosťou vzduchu, ktoré umožňujú značný prietok vzduchu cez hárok, alebo pre papiere, ktoré nebudú ležať plocho pod meracou hlavou.

Národný predhovor

Normatívne referenčné dokumenty

Nasledujúce dokumenty, celé alebo ich časti, sú v tomto dokumente normatívnymi odkazmi a sú nevyhnutné pri jeho používaní. Pri datovaných odkazoch sa použije len citované vydanie. Pri nedatovaných odkazoch sa použije najnovšie vydanie citovaného dokumentu (vrátane všetkých zmien).

POZNÁMKA 1. – Ak bola medzinárodná publikácia zmenená spoločnými modifikáciami, čo je indikované označením (mod), použije sa príslušná EN/HD.

POZNÁMKA 2. – Aktuálne informácie o platných a zrušených STN a TNI možno získať na webovom sídle www.unms.sk.

ISO 186 prijatá ako STN EN ISO 186 Papier a lepenka. Odber vzoriek na stanovenie priemernej kvality (ISO 186) (50 0302)

ISO 187 prijatá ako STN EN 20187 Papier, lepenka a vlákniny. Štandardná atmosféra pre klimatizáciu a skúšanie. Metóda riadenia atmosféry a klimatizácie vzoriek (50 0303)

Vypracovanie slovenskej technickej normy

Spracovateľ: Úrad pre normalizáciu, metrológiu a skúšobníctvo SR, Bratislava

Technická komisia: TK 90 Obaly, buničina, papier a lepenka

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2. www.iso.org/directives

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Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

The committee responsible for this document is ISO/TC 6, *Paper, board and pulps*, Subcommittee SC 2, *Test methods and quality specifications for paper and board*.

This second edition cancels and replaces the first edition (ISO 8791-2:1990), which has been technically revised. In this second edition mainly editorial changes have been made to include the electronic version of the test apparatus and also precision data has been added as an informative Annex.

ISO 8791 consists of the following parts, under the general title *Paper and board — Determination of roughness/smoothness (air leak methods)*:

- *Part 1: General method*
- *Part 2: Bendtsen method*
- *Part 3: Sheffield method*
- *Part 4: Print-surf method*

NOTE *Part 1: General method* is considered to be redundant and will be withdrawn after Parts 2, 3 and 4 have been revised and published.

Paper and board — Determination of roughness/ smoothness (air leak methods) —

Part 2: Bendtsen method

1 Scope

This part of ISO 8791 specifies a method for the determination of the roughness of paper and board using the Bendtsen apparatus.

This part of ISO 8791 is applicable to paper and board which have Bendtsen roughness values between about 5 ml/min and 3 000 ml/min when measured with variable-area type testers and between about 50 ml/min and 5 000 ml/min when measured with electronic type testers. It is not suitable for soft papers which allow the land to make a significant impression on the surface or for high-air-permeance papers which allow a significant flow of air to pass through the sheet, or for papers which will not lie flat under the measuring head.

2 Normative references

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

ISO 186, *Paper and board — Sampling to determine average quality*

ISO 187, *Paper, board and pulps — Standard atmosphere for conditioning and testing and procedure for monitoring the atmosphere and conditioning of samples*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN