

# ISO 8791-2:2013-09 (E)

## Paper and board - Determination of roughness/smoothness (air leak methods) - Part 2: Bendtsen method

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Principle .....	1
5	Apparatus .....	2
5.1	Bendtsen tester (two types) .....	2
5.2	Variable-area flowmeter type .....	2
5.3	Electronic flowmeter type .....	3
6	Sampling .....	5
7	Conditioning .....	5
8	Preparation of test pieces .....	5
9	Calibration and verification .....	5
9.1	Variable-area flowmeter type tester .....	5
9.2	Electronic flowmeter type tester .....	5
10	Procedure .....	5
10.1	Test atmosphere .....	5
10.2	Determination using variable-area flowmeter type tester .....	5
10.3	Determination using electronic flowmeter type tester .....	6
11	Expression of results .....	6
12	Test report .....	6
Annex A (normative) Care and maintenance of variable-area flowmeter-type Bendtsen testers .....		8
Annex B (normative) Calibration of capillary tubes and variable-area and electronic flowmeters		10
Annex C (informative) Precision .....		14
Bibliography .....		16