ISO 5636-4:2005-02 (E)

Paper and board - Determination of air permeance (medium range) - Part 4: Sheffield method

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Principle 2

5 Apparatus 2

6 Sampling 3

7 Conditioning 3

8 Preparation of test pieces 4

9 Calibration 4
9.1 Variable-area flow-measuring device 4
9.2 Electronic flow-measuring device 4

10 Procedure 4
10.1 Test atmosphere 4
10.2 Determination of air flow rate 4

11 Calculation and expression of results 5
11.2 Calculation of air permeance 5
11.3 Standard deviation 5

12 Test report 5

Annex A (normative) Care and maintenance of the test instrument using variable-area flowmeters 6

Annex B (normative) Calibration of flowmeters 7

Annex C (informative) Conversion table 11

Bibliography 12