

ISO 2965:2009-05 (E)

Materials used as cigarette papers, filter plug wrap and filter joining paper, including materials having a discrete or oriented permeable zone and materials with bands of differing permeability - Determination of air permeability

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	2
5 Apparatus	4
6 Sampling	5
7 Procedure	5
7.1 General	5
7.2 Leak check of the test piece holder	5
7.3 Preparation of test pieces	5
7.4 Calibration	5
7.5 Insertion of a test piece	6
7.6 Measurement	7
8 Expression of results	8
9 Precision	9
9.1 Repeatability	9
9.2 Reproducibility	9
9.3 Results of an international collaborative study (Study 1)	9
9.4 Statistical discussion of r and R results for Study 1	10
9.5 Results of an international collaborative study (Study 2)	11
9.6 Statistical discussion of r and R results for Study 2	12
10 Test report	12
Annex A (normative) Leak testing of test piece holder	14
Annex B (normative) Calibration of air permeability standards and air permeability measuring instruments	16
Annex C (informative) Determination of relevant surface leakage of test piece in the test piece holder	20
Annex D (informative) Flow of air through porous materials	22
Annex E (informative) Compensation of calibration standards	24
Bibliography	27