

DIN ISO 2965:2012-07 (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 (ISO 2965:2009)

Contents		Page
Introduction		5
1 Scope		6
2 Normative references		6
3 Terms and definitions		6
4 Principle		7
5 Apparatus		10
6 Sampling		10
7 Procedure		10
7.1 General		10
7.2 Leak check of the test piece holder		10
7.3 Preparation of test pieces		10
7.4 Calibration		10
7.5 Insertion of a test piece		11
7.6 Measurement		12
8 Expression of results		13
9 Precision		14
9.1 Repeatability		14
9.2 Reproducibility		14
9.3 Results of an international collaborative study (Study 1)		14
9.4 Statistical discussion of r and R results for Study 1		15
9.5 Results of an international collaborative study (Study 2)		16
9.6 Statistical discussion of r and R results for Study 2		17
10 Test report		17
Annex A (normative) Leak testing of test piece holder		21
Annex B (normative) Calibration of air permeability standards and air permeability measuring instruments		21
Annex C (informative) Determination of relevant surface leakage of test piece in the test piece holder		25
Annex D (informative) Flow of air through porous materials		27
Annex E (informative) Compensation of calibration standards		29
Bibliography		32
National foreword		3
National Annex NA (informative) Bibliography		4