ISO 11058:2010-04 (E)

Geotextiles and geotextile-related products - Determination of water permeability characteristics normal to the plane, without load

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Test specimens 2
4.1 Handling 2
4.2 Selection 2
4.3 Number and dimensions 2
4.4 Condition of specimens 2

5 Constant head method 2
5.1 Principle 2
5.2 Apparatus 2
5.3 Procedure 3
5.4 Calculation and expression of results 4

6 Falling head method 4
6.1 Principle 4
6.2 Apparatus 5
6.3 Procedure 6
6.4 Calculation and expression of results 6

7 Test report 7

Annex A (informative) Determination of the correction factor, RT, to a water temperature of 20 °C ... 12

Annex B (informative) Relationship between head loss and flow velocity 14

Annex C (informative) Velocity index 16

Annex D (informative) Experimental data and calculations 17