DIN EN ISO 11058:2019-09 (E)

Geotextiles and geotextile-related products - Determination of water permeability characteristics normal to the plane, without load (ISO 11058:2019)

Contents

Page

European foreword ... 3

Foreword ... 4

1 Scope ... 5

2 Normative references ... 5

3 Terms and definitions ... 5

4 Test specimens ... 5
4.1 Handling ... 5
4.2 Selection ... 5
4.3 Number and dimensions ... 6
4.4 Specimen conditions ... 6

5 Constant head method ... 6
5.1 Principle ... 6
5.2 Apparatus ... 6
5.3 Procedure ... 7
5.4 Calculation and expression of results ... 8

6 Falling head method ... 8
6.1 Principle ... 8
6.2 Apparatus ... 9
6.3 Procedure ... 10
6.4 Calculation and expression of results ... 10

7 Test report ... 11

Annex A (informative) Determination of the correction factor, R_T, to a water temperature of 20 °C ... 15

Annex B (normative) Relationship between head loss and flow velocity ... 17

Annex C (informative) Individual velocity index values for a head loss of 50 mm ... 19

Annex D (informative) Experimental data and calculations ... 20