

DIN EN 13040:2008-01 (E)

Soil improvers and growing media - Sample preparation for chemical and physical tests, determination of dry matter content, moisture content and laboratory compacted bulk density

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Principle	4
5	Sampling	5
6	Sample reception	5
7	Transportation and storage of samples	5
8	Preparation of the un-dried test sample	5
8.1	Sample preparation	5
8.2	Determination of material exceeding 40 mm	6
8.3	Test sample passing through a 40 mm square aperture sieve	6
8.4	Test sample passing through a 25 mm square aperture sieve	6
8.5	Test sample passing through a 20 mm square aperture sieve	6
9	Preparation of the dried ground (or otherwise size reduced) test sample	7
9.1	Apparatus	7
9.2	Procedure	7
10	Determination of dry matter content	7
10.1	Apparatus	7
10.2	Procedure	7
11	Calculation	8
11.1	Dry matter content	8
11.2	Moisture content	8
12	Precision - Moisture content	8
13	Test report	8
A.1	General	10
A.2	Principle	10
A.3	Apparatus	10
A.4	Procedure	12
A.5	Expression of results	13
A.6	Use and storage of material	14
A.7	Precision - Compacted laboratory bulk density	14
A.8	Test report	14
	and laboratory compacted bulk density	15
	Bibliography	17
	Annex B (informative) Results of an interlaboratory trial to determine moisture content Annex A (normative) Determination of laboratory compacted bulk density	10