

DIN EN ISO 20200:2023-11 (E)

Plastics - Determination of the degree of disintegration of plastic materials under composting conditions in a laboratory-scale test (ISO 20200:2023)

Contents	Page
European foreword.....	3
Foreword.....	4
Introduction.....	5
1 Scope	6
2 Normative references	6
3 Terms and definitions	6
4 Principle.....	7
5 Synthetic solid waste.....	7
6 Composting reactor	8
7 Procedure.....	8
7.1 Test material preparation.....	8
7.2 Start-up of the test.....	9
7.3 Incubation.....	9
7.3.1 General.....	9
7.3.2 Type 1: constant thermophilic incubation	9
7.3.3 Type 2: two-stages incubation	10
7.3.4 Mesophilic incubation (optional).....	10
8 Monitoring the composting process	10
9 Diagnostic parameters.....	10
9.1 Odour.....	10
9.2 Visual appearance	10
9.3 Chemical analysis.....	11
9.4 Determination of dry mass and volatile solids	11
10 Termination of the test and measurement of the degree of disintegration	11
11 Calculation of degree of disintegration	11
12 Expression of results	12
13 Validity of the test.....	12
14 Test report	12
Bibliography	14