DIN EN 1097-2:2006-09 (E)

Tests for mechanical and physical properties of aggregates - Part 2: Methods for the determination of resistance to fragmentation

Contents

Page

1 Scope 4

2 Normative references 4

3 Definitions 5

4 Apparatus 5
4.1 General apparatus 5
4.2 Additional apparatus required for the determination of resistance to fragmentation by the Los Angeles test method 6
4.3 Additional apparatus required for the determination of resistance to fragmentation by the impact test method 7

5 Determination of resistance to fragmentation by the Los Angeles test method 7
5.1 Principle 7
5.2 Preparation of the sample for testing 7
5.3 Test procedure 8
5.4 Calculation and expression of results 8
5.5 Test report 8

6 Determination of resistance to fragmentation by the impact test method 9
6.1 Principle 9
6.2 Preparation of the sample for testing 9
6.3 Test procedure 9
6.4 Calculation and expression of results 10
6.5 Test report 10

Annex A (informative) Alternative narrow range classifications for the Los Angeles test 11

Annex B (informative) The impact tester: Construction, operation and safety requirements 12

Annex C (informative) Checking of the impact tester 23

Annex D (informative) Precision 27

Annex E (informative) Worked example of calculation of impact value SZ 28

Annex F (informative) Bibliography 29