DIN EN 933-6:2023-02 (E)

Tests for geometrical properties of aggregates - Part 6: Assessment of surface characteristics - Flow coefficient of aggregates

Contents

Page

European foreword 4

1 Scope 6

2 Normative references 6

3 Terms and definitions 6

4 Principle 7

5 Reference materials 7

6 Apparatus 8
6.1 General 8
6.2 Apparatus for general purposes 8
6.3 Additional apparatus required for the determination of the flow coefficient of coarse aggregate 8
6.4 Additional apparatus required for the determination of the flow coefficient of fine aggregate 10

7 Determination of the flow coefficient of coarse aggregate 12
7.1 General 12
7.2 Preparation of test portions 12
7.2.1 Reference coarse aggregate 12
7.2.2 Test portions 13
7.3 Procedure 13
7.3.1 Common test procedure 13
7.3.2 Reference test 14
7.3.3 Material sample test 14
7.4 Calculation and expression of results 15
7.5 Test report 15
7.5.1 Required data 15
7.5.2 Optional data 15

8 Determination of the flow coefficient of fine aggregate 16
8.1 General 16
8.2 Preparation of test portions 16
8.2.1 Reference fine aggregate 16
8.2.2 Test portions 16
8.3 Procedure 17
8.3.1 Common test procedure 17
8.3.2 Reference test 17
8.3.3 Material sample test 17
8.4 Calculation and expression of results 17
8.5 Test report 18
8.5.1 Required data 18
8.5.2 Optional data 18

Annex A (informative) Example of test data sheet - coarse aggregate 19

Annex B (informative) Precision 21

B.1 Coarse aggregate 21
B.2 Fine aggregate 21

Annex C (informative) Example of test data sheet - fine aggregate 22

Bibliography 24