
**Refractory materials — Determination
of bulk density of granular materials
(grain density)**

*Matériaux réfractaires — Détermination de la masse volumique
apparente des matériaux en grains (masse volumique des grains)*

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Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	2
5 Sampling	2
6 Preparation, number and test size of samples	2
6.1 Preparation of samples	2
6.2 Number of samples	2
6.3 Mass of test samples	2
7 Determination of mass of test sample	2
8 Determination of volume of test sample — Method 1: Mercury method with vacuum	3
8.1 Principle	3
8.2 Apparatus	4
8.3 Determination of mass of empty vacuum pycnometer	5
8.4 Determination of mass of pycnometer filled with mercury	6
8.5 Determination of mass of pycnometer containing test sample and filled with mercury	6
8.6 Calculation of volume of test sample	6
9 Determination of volume of test sample — Method 2: Arrested water absorption method	7
9.1 Apparatus	7
9.2 Determination of volume of test sample	7
9.3 Calculation of results	8
10 Determination of bulk density of test sample — Method 3: Vacuum method with spin dryer option	8
10.1 Principle	8
10.2 Apparatus and materials	8
10.3 Procedure	9
10.3.1 Determination of the mass of dry test piece (m_1)	9
10.3.2 Soaking of the test sample	10
10.3.3 Determination of the apparent mass of the immersed test sample (m_5) and the mass of the soaked test sample (m_3)	10
10.4 Calculation of results	12
10.4.1 Calculation of the volume of the test sample (V_R)	12
10.4.2 Calculation of the bulk density of the test sample (ρ_R)	12
10.5 Precision and bias	12
10.5.1 Interlaboratory data	12
10.5.2 Precision	12
10.5.3 Bias	13
11 Test report	13
Bibliography	14

Foreword

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This document was prepared by Technical Committee 33, *Refractories*.

This second edition cancels and replaces the first edition (ISO 8840:1987), which has been technically revised.

The main changes compared to the previous edition are as follows:

- a new method according to ISO 5017 has been added. It is identical to the method given in EN 993-18 with a suggested improvement to avoid the most influencing factor of the operator.

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