

Australian Standard®

Refractories and refractory materials— Physical test methods

Method 6: Determination of true density

PREFACE

This Standard was prepared by the Standards Australia Committee on Refractories and Refractory Materials, under the direction of the Minerals Standards Board, as a revision of AS 1774.6—1978, *Methods for physical testing of refractories and refractory materials*, Method 6: *The determination of true density*.

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METHOD

1 SCOPE This Standard describes the procedure for determining the true density of a refractory material.

2 REFERENCED DOCUMENTS The following documents are referred to in this Standard:

AS

1152 Test sieves

2243 Safety in laboratories

2378 Density bottles

2780 Refractories and refractory materials—Glossary of terms

3 DEFINITIONS For the purpose of this Standard, the definitions given in AS 2780 and that below apply.

3.1 True density—the ratio of the mass of a material to its true volume.

4 SAFETY For information on safety in laboratories, reference should be made to the relevant parts of AS 2243.