



Designation: C 604 – 9802

Standard Test Method for True Specific Gravity of Refractory Materials by Gas- Comparison Pycnometer¹

This standard is issued under the fixed designation C 604; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This test method covers the determination of the true specific gravity of solid materials, and is particularly useful for materials that easily hydrate which are not suitable for test with Test Method C 135. This test method may be used as an alternate for Test Method C 135, Test Method C 128, and Test Method C 188 for determining true specific gravity.

1.2 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

2. Referenced Documents

2.1 ASTM Standards:

C 128 Test Method for Specific Gravity and Absorption of Fine Aggregate²

¹ This test method is under the jurisdiction of ASTM Committee C-8 C08 on Refractories, and is the direct responsibility of Subcommittee C08.03 on Physical Test and Properties.

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