

# Astm c 1064 pdfsdocuments2

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**What is ASTM C 1064?** ASTM International. 4.1 This test method provides a means for measuring the temperature of freshly mixed concrete. The measured temperature represents the temperature at the time of testing and may not be an indication of the temperature of the freshly mixed concrete at a later time.

**What is the ASTM standard for slump test?** ASTM C143 and AASHTO T 119 are the standard test methods for the slump of hydraulic-cement concrete with a maximum aggregate size of 1-1/2in (37.5mm).

**What is the ASTM standard for concrete temperature?** 5.2 Temperature Measuring Device, shall be capable of accurately measuring the temperature of the freshly mixed concrete to  $\pm 0.5^{\circ}\text{C}$  [ $\pm 1^{\circ}\text{F}$ ] throughout a range of  $0^{\circ}$  to  $50^{\circ}\text{C}$  [ $30^{\circ}$  to  $120^{\circ}\text{F}$ ]. The design of the temperature measuring device shall be such that it allows 75 mm [3 in.] or more immersion during operation.

**What is ASTM C173?** ASTM International. 3.1 This test method covers the determination of the air content of freshly mixed concrete. It measures the air contained in the mortar fraction of the concrete, but is not affected by air that may be present inside porous aggregate particles. 3.1.

**What does ASTM C mean?** C—Cementitious, ceramic, concrete, and masonry materials. D—Miscellaneous materials and products. E—Miscellaneous subjects. F—End-use materials and products.

**What is the ASTM classification standard?** ASTM Classification Standards Classification standards provide the requirements for assigning different materials, services, or systems into various groups. These requirements may relate to the origin, the physical properties, or the chemical properties of the product itself.

**What is the slump tolerance for ASTM?** What are the allowable slump tolerances? If the specification gives a maximum slump of 3 inches or less, the plus tolerance is zero and the minus tolerance is  $1\frac{1}{2}$  inches. For a specified 3-inch-maximum slump, the concrete slump as delivered would have to fall between  $1\frac{1}{2}$  and 3 inches.

**What is the ISO code for slump test?** ISO 4109:1980 - Fresh concrete — Determination of the consistency — Slump test.

**What is the ASTM standard for drop test?** The ASTM D5276 Free Fall Drop Test is used to assess the ability of the package system to protect its contents when subjected to the shock of a free-fall.

**What is the ASTM test for concrete?** ASTM C39 has remained the industry standard for testing the compressive strength of cylindrical concrete specimens for more than 80 years.

**How to check concrete temperature?** Place the temperature-measuring device in the freshly mixed concrete so that the temperature-sensing portion is submerged a minimum of 75 mm. 3. Leave the temperature-measuring device in the freshly mixed concrete for a minimum of 2 min or until the temperature reading stabilizes, then read and record the temperature.

**What is ideal concrete temperature?** The Best Season for Pouring Concrete Ideally, the temperature should remain within 50 to 60°F for most of the day. Also, make sure that nighttime temperatures don't drop below 40°F, as this may cause the water in the concrete to freeze, putting it at risk of chipping and breaking.

**What is ASTM C231?** C231/C231M Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method.

**What is ASTM C1231?** C1231/C1231M Standard Practice for Use of Unbonded Caps in Determination of Compressive Strength of Hardened Cylindrical Concrete Specimens.

**What is ASTM C150?** The ASTM Standard Specification for Portland Cement (ASTM C150) provides for five types as follows: - Type I—The standard product that has long been in use with no limitation on the proportions of the major oxides (CaO,

SiO<sub>2</sub>, Al<sub>2</sub>O<sub>3</sub>, Fe<sub>2</sub>O<sub>3</sub>), also referred to as “ordinary portland cement.”

**What is ASTM C 1063?** ASTM C1063 is a standard referenced by building codes to provide guidance on placement, spacing, and attachment of lath and trims. The following are guide recommendations on one-piece control joints from the SMA with options as allowed by Section 104 of the International Building Code.

**What is ASTM C 476?** C476 allows for the grout proportions to be established based on 28-day compressive strength when the strength tests are performed in accordance with ASTM C1019, and the grout mixture was mixed to a slump of 8 to 11 inches. The grout mixture shall comply with Section 4 of C476 and other applicable requirements of C476.

**What is the international standard for concrete?** ISO 22965-1:2007 applies to concrete for structures cast in situ, pre-cast structures and structural pre-cast products for buildings and civil engineering structures. The concrete can be mixed on site, ready-mixed concrete or produced in a plant for pre-cast concrete products.

**How do you read an ASTM code?** ASTM's designation system for metals consists of a letter (A for ferrous materials) followed by an arbitrary sequentially assigned number. These designations often apply to specific products, for example A548 is applicable to cold-heading quality carbon steel wire for tapping or sheet metal screws.

**What is ASTM grade?** ASTM steel grades are those that meet the exacting standards for specific grades of steel developed by the American Society for Testing and Materials. The standards include mechanical properties and steel chemistries and specify the testing methods to be used.

**Is ASTM a quality standard?** ASTM International is a globally recognized leader in the development and delivery of voluntary consensus standards. Today, over 12,000 ASTM standards are used around the world to improve product quality, enhance health and safety, strengthen market access and trade, and build consumer confidence.

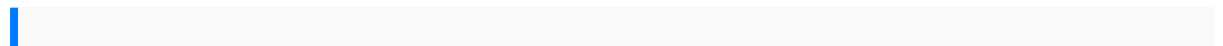
**What is the standard for ASTM density?** Scope: Density is the mass per unit volume of a material. Specific gravity is a measure of the ratio of mass of a given

volume of material at 23°C to the same volume of deionized water.

**What does ASTM stand for on pipe?** Here at Special Piping Materials, we frequently talk to our clients and suppliers about ASTM (American Society for Testing and Materials) Standards as they are an essential part of ensuring the quality of our products.

**What is ASTM c404?** This specification covers aggregates used for masonry grout. Aggregates should consist of either natural or manufactured sand, used alone or in combination with coarse aggregates.

**Why is ASTM C39 important?** ASTM C39/C39M is widely recognized and used in the construction industry to assess the quality and performance of concrete materials, aiding in the design and construction of safe and durable structures.



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