Designation: ~~D6155 – 13~~ D6155 – 15

Standard Specification for Nontraditional Coarse Aggregates for Bituminous Paving Mixtures[1]

This standard is issued under the fixed designation D6155; 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 specification covers the use of coarse aggregates not traditionally used in bituminous paving mixtures. These nontraditional aggregates can be described as any aggregate other than those described in Specifications D692, D693, D1139, and D5106, (crushed stone, crushed hydraulic-cement concrete, crushed blast-furnace slag, steel furnace slag, and crushed gravel) suitable for use in bituminous paving mixtures, as described in Specifications D3515 or D4215.

1.2 The text of this specification references notes and footnotes that provides explanatory material. These notes and footnotes (excluding those in tables and figures) shall not be considered as requirements of the specification.

1.3 The values stated in SI units are to be regarded as standard. No other units of measurement are included in this standard.

NOTE 1—Sieve size is identified by its standard designation in Specification E11. The alternative designation given in parentheses is for information only and does not represent a different standard sieve size.

1.4 *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:*[2]

C29/C29M Test Method for Bulk Density ("Unit Weight") and Voids in Aggregate
C88 Test Method for Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate
C125 Terminology Relating to Concrete and Concrete Aggregates
C131 Test Method for Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
C136 Test Method for Sieve Analysis of Fine and Coarse Aggregates
C142 Test Method for Clay Lumps and Friable Particles in Aggregates
C294 Descriptive Nomenclature for Constituents of Concrete Aggregates
D8 Terminology Relating to Materials for Roads and Pavements
D75 Practice for Sampling Aggregates
D448 Classification for Sizes of Aggregate for Road and Bridge Construction
D692 Specification for Coarse Aggregate for Bituminous Paving Mixtures
D693 Specification for Crushed Aggregate for Macadam Pavements (Withdrawn 2008)[3]
D1139 Specification for Aggregate for Single or Multiple Bituminous Surface Treatments
D2489 Practice for Estimating Degree of Particle Coating of Bituminous-Aggregate Mixtures
D3319 Practice for the Accelerated Polishing of Aggregates Using the British Wheel
D3515 Specification for Hot-Mixed, Hot-Laid Bituminous Paving Mixtures (Withdrawn 2009)[3]
D3665 Practice for Random Sampling of Construction Materials
D4215 Specification for Cold-Mixed, Cold-Laid Bituminous Paving Mixtures

[1] This specification is under the jurisdiction of ASTM Committee D04 on Road and Paving Materials and is the direct responsibility of Subcommittee D04.50 on Aggregate Specifications.

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[2] For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

[3] The last approved version of this historical standard is referenced on www.astm.org.