
Standard Method of Test for

**Sieve Analysis of Mineral Filler
for Hot Mix Asphalt (HMA)**

AASHTO Designation: T 37-07 (2020)¹

Technical Subcommittee: 2c, Asphalt–Aggregate Mixtures

Release: Group 3 (July)

ASTM Designation: D546-05



**American Association of State Highway and Transportation Officials
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1. SCOPE

- 1.1. This method of test covers the sieve analysis of mineral fillers used in hot mix asphalt (HMA).
- 1.2. The values stated in SI units are to be regarded as the standard.
- 1.3. *This standard may involve hazardous materials, operations, and equipment. This standard does not purport to address all of the safety concerns 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. *AASHTO Standards:*
 - M 17, Mineral Filler for Bituminous Paving Mixtures
 - M 231, Weighing Devices Used in the Testing of Materials
 - R 76, Reducing Samples of Aggregate to Testing Size
 - T 88, Particle Size Analysis of Soils
- 2.2. *ASTM Standards:*
 - C 670, Standard Practice for Preparing Precision and Bias Statements for Test Methods for Construction Materials
 - E 11, Standard Specification for Woven Wire Test Sieve Cloth and Test Sieves

3. SIGNIFICANCE AND USE

- 3.1. The method is used to determine compliance of mineral fillers with the grading requirements of M 17.