LIST OF ASTM STANDARDS FOR PARTICLE SIZE MEASUREMENT

The following list contains the titles and designations of those standards published by the ASTM that are considered to be of interest in the field of particle size determination. The footnotes identify the volumes of the ASTM Book of Standards containing these publications. They are also available separately.

Methods of Test for:

Sieve Analysis of Granular Metal Powders (B 214)[1]
Subsieve Analysis of Granular Metal Powders by Air Classification (B 293)[1]
Average Particle Size Refractory Metals and Compounds by Fisher Subsieve Sizer (B 330)[1]
Sieve Analysis and Water Content of Refractory Materials (C 92)[2]
Fineness of Portland Cement by the Turbidimeter (C 115)[3]
Amount of Material Finer than No. 200 Sieve in Aggregate (C 117)[3]
Sieve Analysis of Fine and Coarse Aggregates (C 136)[3]
Clay Lumps in Natural Aggregates (C 142)[3]
Fineness of Hydraulic Cement by the No. 200 Sieve (C 184)[3]
Fineness of Portland Cement by Air Permeability Apparatus (C 204)[3]
Sieve Analysis of Plastic Calcined Magnesia (C 239)[3]
Sieve Analysis of Wet Milled and Dry Milled Porcelain Enamel (C 285)[2]
Wet Sieve Analysis of Ceramic Whiteware Clays (C 325)[2]
Sieve Analysis of Nonplastic Pulverized Ceramic Materials (C 371)[2]
Fineness of Hydraulic Cement by the No. 325 Sieve (C 430)[4]
Coarse Particles in Pigments, Pastes, and Paints (D 185)[5]
Sampling and Fineness Test of Powdered Coal (D 197)[5]
Sieve Analysis of Coke (D 293)[5]
Size of Anthracite (D 310)[5]
Sieve Analysis of Crushed Bituminous Coal (D 311)[5]
Coarse Particles in Mixtures of Asphalt and Mineral Matter (D 313)[3]
Molding Powders Used in Manufacturing Molded Electrical Insulators (D 392)[6]
Screen Analysis of Coal (D 410)[5]
Grain-Size Analysis of Soils (D 422)[3]
Designating the Size of Coal from Its Screen Analysis (D 431)[5]
Sieve Analysis of Granular Mineral Surfacing for Asphalt Roofing and Shingles (D 451)[3]
Sieve Analysis of Nongranular Mineral Surfacing for Asphalt Roofing and Shingles (D 452)[3]
Sampling and Testing Aluminum Powder and Paste (D 480)[5]

[1] 1958 Book of ASTM Standards, Part 3.
[2] 1958 Book of ASTM Standards, Part 5.
[3] 1958 Book of ASTM Standards, Part 4.
[4] 1959 Supplement to Book of ASTM Standards, Part 4.
[5] 1958 Book of ASTM Standards, Part 8.
[6] 1958 Book of ASTM Standards, Part 9.

Particle Size of Soaps and Other Detergents (D 502)[7]
Sieve Analysis of Mineral Filler (D 546)[3]
Analysis of Barium Sulfate Pigments (D 715)[5]
Analysis of Magnesium Silicate Pigment (D 717)[5]
Analysis of Aluminum Silicate Pigment (D 718)[5]
Amount of Material in Soils Finer Than the No. 200 Sieve (D 1140)[3]
Fineness of Dispersion of Pigment-Vehicle Systems (D 1210)[5]
Sieve Analysis of Glass Spheres (D 1214)[5]
Fineness of Grind of Printing Inks by the Production Grindometer (D 1316)[5]
Attrition of Pelleted Carbon Black (D 1507)[6]
Fines Content of Pelleted Carbon Black (D 1508)[6]
Pellet Size Distribution of Carbon Black (D 1511)[6]
Sieve Residue from Carbon Black (D 1514)[6]

Specifications for:

Sieves for Testing Purposes (Wire Cloth Sieves, Round-Hole and Square-Hole Screens or Sieves) (E 11)[1, 2, 3, 5, 6, 7, 8]

Recommended Practices for:

Reporting Particle Size Characteristics of Pigments (D 1366)[5]
Analysis by Microscopical Methods for Particle Size Distribution of Particulate Substances of Subsieve Sizes (E 20)[3, 5]

[7] 1958 Book of ASTM Standards, Part 10.
[8] 1958 Book of ASTM Standards, Part 7.