

## 301.2 - Cement and Coal Fly Ash Fineness

SRM 114r is intended for calibrating the Blaine fineness meter according to the latest issue of ASTM C204 to determine residue according to ASTM C430, and to verify procedure for particle size distribution by a laser diffraction method. It provides an opportunity to calibrate based on AASHTO T-353. Each set consists of 20 sealed vials, each containing approximately 5 g of cement.

For further information see SP 260-226.

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Unit of Issue	Properties
<a href="#">114r</a>	Portland Cement Fineness Standard	20 vials x 5 g	Residue on 45 µm (No. 325) sieve Specific Surface area (Blaine Air Permeability Apparatus) Particle Size Distribution
<a href="#">2689</a>	Coal Fly Ash	3 x 10 g	Sieve Residue (45 µm residue) (No. 325)
<a href="#">2690</a>	Coal Fly Ash	3 x 10 g	Sieve Residue (45 µm residue) (No. 325)
<a href="#">2691</a>	Coal Fly Ash	3 x 10 g	Sieve Residue (45 µm residue) (No. 325)

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- Certified values are normal font
  - Non-certified or reference values are italicized
  - Non-certified values in parentheses are for information only

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select the

**Value**

5.97 %

3932 cm<sup>2</sup> g<sup>-1</sup>

1-128 μm

12.8 %

8.0 %

10.5 %

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