

# DIN EN 196-6:2010-05 (E)

## Methods of testing cement - Part 6: Determination of fineness

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
<b>1</b>	<b>Scope .....</b>	<b>5</b>
<b>2</b>	<b>Normative references .....</b>	<b>5</b>
<b>3</b>	<b>Sieving method .....</b>	<b>5</b>
3.1	Principle .....	5
3.2	Apparatus .....	5
3.3	Material for checking the sieve .....	6
3.4	Procedure .....	6
3.5	Expression of results .....	7
<b>4</b>	<b>Air permeability method (Blaine method) .....</b>	<b>7</b>
4.1	Principle .....	7
4.2	Apparatus .....	7
4.3	Materials .....	10
4.4	Test conditions .....	10
4.5	Compacted cement bed .....	10
4.6	Air permeability test .....	11
4.7	Calibration of apparatus .....	12
4.8	Special cements .....	14
4.9	Simplification of the calculations .....	15
4.10	Expression of results .....	16
<b>5</b>	<b>Air-jet sieving method .....</b>	<b>16</b>
5.1	Principle .....	16
5.2	Apparatus .....	17
5.3	Procedure .....	18
5.4	Checking the sieve .....	18
5.5	Expression of results .....	18
5.6	Repeatability and reproducibility .....	18