

# ISO 18591:2015-12 (E)

## Fine ceramics (advanced ceramics, advanced technical ceramics) - Determination of compressive strength of ceramic granules

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Principle .....</b>	<b>1</b>
<b>4</b>	<b>Symbols and designation .....</b>	<b>1</b>
<b>5</b>	<b>Apparatus .....</b>	<b>1</b>
<b>6</b>	<b>Sampling .....</b>	<b>2</b>
<b>7</b>	<b>Procedure .....</b>	<b>2</b>
<b>7.1</b>	<b>Quantity .....</b>	<b>2</b>
<b>7.2</b>	<b>Cleaning of the die and the punches .....</b>	<b>2</b>
<b>7.3</b>	<b>Powder testing conditions .....</b>	<b>2</b>
<b>7.4</b>	<b>Lubrication .....</b>	<b>3</b>
<b>7.5</b>	<b>Compaction and ejection .....</b>	<b>3</b>
<b>8</b>	<b>Expression of results .....</b>	<b>4</b>
<b>8.1</b>	<b>Load-displacement curve .....</b>	<b>4</b>
<b>8.2</b>	<b>Pressure-density curve .....</b>	<b>4</b>
<b>8.3</b>	<b>Compressive strength of ceramic granules .....</b>	<b>4</b>
<b>9</b>	<b>Test report .....</b>	<b>4</b>
<b>Bibliography .....</b>		<b>8</b>