

# DIN EN 725-10:2007-11 (E)

## Advanced technical ceramics - Methods of test for ceramic powders - Part 10: Determination of compaction properties

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
1	Scope .....	4
2	Normative references .....	4
3	Principle .....	4
4	Symbols .....	4
5	Apparatus .....	4
6	Procedure .....	5
6.1	Drying .....	5
6.2	Quantity .....	5
6.3	Cleaning of the die and punches .....	5
6.4	Powder testing conditions .....	5
6.5	Lubrication .....	5
6.6	Compacting pressures .....	6
6.7	Compacting and ejection .....	6
7	Expression of results .....	7
7.1	Calculation .....	7
7.2	Compaction curve .....	7
8	Test report .....	7
Annex A (informative) Repeatability and reproducibility .....		11
Annex B (informative) Example of presentation of test report .....		12
B.1	General .....	12
B.2	Sample description and preparation .....	12
B.3	Test conditions .....	12
B.4	Determination of the density of the compacts .....	13
B.5	Calculation of density .....	13
Bibliography .....		14