

ISO 28703:2011-08 (E)

Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for thermal-shock resistance of porous ceramics

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	2
5	Apparatus	2
5.1	Electric furnace	2
5.2	Cooling bath	2
5.3	Temperature-measuring device	2
5.4	Vernier callipers	3
5.5	Micrometer callipers	3
5.6	Thermocouples	3
6	Test specimens	3
6.1	Shape and size	3
6.2	Pretreatment	3
6.3	Number of specimens	3
7	Procedure	3
8	Bending test	4
8.1	Bending strength	4
8.2	Mean bending strength	5
9	Thermal-shock resistance	5
10	Test report	5