

# ISO 13124:2011-05 (E)

## Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for interfacial bond strength of ceramic materials

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Symbols and abbreviated terms .....	3
5	Principle .....	3
6	Apparatus .....	5
6.1	Testing machine .....	5
6.2	Data acquisition .....	5
6.3	Dimension-measuring device .....	5
6.4	Testing fixture .....	5
7	Test pieces .....	7
7.1	Test-piece size .....	7
7.2	Test-piece preparation .....	7
8	Test procedure .....	8
8.1	Test mode and rate .....	8
8.2	Preparation of test pieces .....	8
8.3	Measurements of the tensile bond strength .....	8
8.4	Measurements of the shear bond strength .....	9
8.5	Measurement of the cross-bonded area .....	10
8.6	Post test .....	10
9	Calculation of results .....	10
9.1	Interfacial tensile bond strength .....	10
9.2	Interfacial shear bond strength .....	11
10	Test report .....	12
Bibliography .....		13