

ISO 20407:2017-09 (E)

Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for interfacial tensile and shear fatigue properties of ceramic joining loaded in constant amplitude at room temperature

Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	2
5 Apparatus	3
6 Test pieces	5
6.1 Test-piece size	5
6.2 Test-piece preparation	5
6.2.1 General	5
6.2.2 Test-piece storage	5
6.2.3 Number of test pieces	5
7 Test procedure	6
7.1 Measurement of the test piece dimensions	6
7.2 Measurement of the interfacial tensile fatigue properties	6
7.3 Measurement of the interfacial shear fatigue properties	6
7.4 Residual properties	7
7.5 Test validity	7
8 Calculation of results	8
9 Test report	8