ISO 11093-8:2012-09 (E)

Paper and board - Testing of cores - Part 8: Determination of natural frequency and flexural modulus by experimental modal analysis

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Principle 2

5 Apparatus 2
5.1 Test-piece suspension 2
5.2 The experimental modal analysis system 2

6 Test piece 2
6.1 Sampling 2
6.2 Test-piece size 2
6.3 Conditioning 3

7 Procedure 5

8 Calculation 5
8.1 Calculation of the flexural modulus 5
8.2 Calculation of the rotational speed factor 6

9 Test report 6

Bibliography 8