ISO 16830:2025-01 (E)

Specification of bamboo drinking straws

Contents

Page

Foreword ..... **iv**

Introduction ..... **v**

1 Scope **1**

2 Normative references **1**

3 Terms and definitions **1**

4 Bamboo materials **3**

5 Requirements **3**

5.1 General 3

5.2 Sensory requirements 3

5.2.1 Odour 3

5.2.2 Appearance 3

5.3 Dimension and shape requirements 4

5.4 Physical and mechanical requirements 4

5.4.1 Moisture content 4

5.4.2 Heat endurance 4

5.4.3 Maximum compressive load perpendicular to length direction 4

6 Test methods **5**

6.1 Odour inspection 5

6.2 Appearance inspection 5

6.3 Dimension and shape measurement 5

6.3.1 Length deviation 5

6.3.2 Outer diameter deviation 5

6.3.3 Inner diameter 5

6.3.4 Bow, f 6

6.3.5 Angle of bevelled end of pointed straw (α) 6

6.4 Physical and mechanical properties 7

6.4.1 Moisture content 7

6.4.2 Heat endurance test 7

6.4.3 Maximum compressive load perpendicular to length direction 7

7 Sampling and determination of acceptability **7**

7.1 Sampling 7

7.2 Determination of acceptability 8

8 Packaging and labelling **8**

8.1 Packaging 8

8.2 Labelling on packaging 8

9 Transport and storage **9**

Bibliography **10**