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Dentistry — Manual toothbrushes — Resistance of tufted portion to deflection

*Art dentaire — Brosses à dents manuelles — Résistance à la déflexion
de la surface garnie*



Reference number
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Foreword

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ISO 22254 was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 7, *Oral care products*.

This first edition, together with ISO 20126, cancels and replaces ISO 8627:1987.

This corrected version of ISO 22254:2005 incorporates the correction in the Foreword that this first edition, together with ISO 20126, both cancel and replace ISO 8627:1987.

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Introduction

The stiffness of the tufted area of a manual toothbrush has been of great concern for both consumers and manufacturers. This International Standard provides a test method for determining the resistance of the tufted portion to deflection, which could be used to derive a stiffness as described in Annex A. However, this International Standard does not cover stiffness of manual toothbrushes and its classification. For stiffness determination, the measurement of the tufted area is required, but the result of the measurement varies over a wide range depending on the method of the measurement and the shape of the tuft holes. Therefore, the tufted area and stiffness determinations are described in Annex A. Since the perception of stiffness differs amongst different countries, stiffness may be classified differently in each country.