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## **Dentistry — Polymerization shrinkage: Method for determination of polymerization shrinkage of polymer-based restorative materials**

*Médecine bucco-dentaire — Rétraction à la polymérisation: Méthode  
de détermination de la rétraction à la polymérisation des matériaux  
de restauration à base de polymères*



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## Foreword

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The committee responsible for this document is ISO/TC 106, *Dentistry*, Subcommittee SC 1, *Filling and restorative materials*.

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## Introduction

This International Standard specifies a test method for the determination of the polymerization shrinkage of external energy-activated polymer-based restorative materials of Class 2, Group 1 (see ISO 4049) and similar core materials.

Many test methods have been used over many years to determine this property but no International Standard test has so far been adopted. The method specified herein is a simple method that provides reproducible results that will aid users in the comparison of test data. It was developed and verified by a comprehensive interlaboratory test programme comparing it with other methods.