DIN EN ISO 6876:2026-05 (E)

Dentistry - Endodontic sealing materials (ISO 6876:2025)

Contents

Page

Foreword ..... **v**

Introduction ..... **vi**

1 Scope **1**

2 Normative references **1**

3 Terms and definitions **1**

4 Classification **2**

5 Requirements **2**
5.1 General 2
5.2 Appearance 3
5.3 Flow (Type 1 only) 3
5.4 Working time (Type 1 only) 3
5.5 Setting time 3
5.6 Film thickness (Type 1 only) 3
5.7 Solubility and disintegration 3
5.8 Radiopacity 3

6 Sampling **4**

7 Test methods **4**
7.1 Test conditions 4
7.2 Appearance 4
7.2.1 General 4
7.2.2 Treatment of results 4
7.3 Flow (Type 1 materials) 4
7.3.1 General 4
7.3.2 Apparatus 4
7.3.3 Procedure 5
7.3.4 Treatment of results 6
7.4 Working time 6
7.4.1 General 6
7.4.2 Apparatus 6
7.4.3 Procedure 6
7.4.4 Treatment of results 7
7.5 Setting time 7
7.5.1 General 7
7.5.2 Apparatus 7
7.5.3 Preconditioning of the apparatus 8
7.5.4 Sample preparation 8
7.5.5 Procedure 8
7.6 Film thickness (Type 1 only) 9
7.6.1 Apparatus 9
7.6.2 Procedure 9
7.6.3 Treatment of the results 9
7.7 Solubility and disintegration 10
7.7.1 General 10
7.7.2 Apparatus 10
7.7.3 Sample preparation 10
7.7.4 Procedure 11

7.7.5 Repetition test of solubility and dissolution 12
7.7.6 Treatment of results 13
7.8 Radiopacity 13
7.8.1 General 13
7.8.2 Apparatus 13
7.8.3 Sample preparation 14
7.8.4 Procedure 14
7.8.5 Treatment of results 14
8 Marking, packaging and labelling 15
8.1 Marking 15
8.2 Packaging 15
8.3 Labelling 15
Annex A (informative) **Working time determination test for Type 1 materials 17**
Bibliography 20