

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