

DIN EN ISO 6877:2022-01 (E)

Dentistry - Endodontic obturating materials (ISO 6877:2021)

Contents	Page
European foreword	3
Foreword	4
Introduction	5
1 Scope	6
2 Normative references	6
3 Terms and definitions	6
4 Requirements	8
4.1 Appearance	8
4.2 Length	8
4.3 Size designation and taper	8
4.3.1 General	8
4.3.2 Standard points	8
4.3.3 Greater taper points	10
4.3.4 Variable taper points	10
4.3.5 Auxiliary points	10
4.3.6 Carrier-based obturating material	10
4.4 Physical integrity	11
4.5 Radiopacity	11
4.6 Colour-coding	11
5 Procurement of samples	12
6 Measurement and test methods	12
6.1 Test conditions	12
6.2 Visual examination	12
6.2.1 General	12
6.2.2 Labels	12
6.2.3 Instructions for use	13
6.3 Length	13
6.3.1 Apparatus	13
6.3.2 Method	13
6.4 Size designation	13
6.4.1 Apparatus	13
6.4.2 Method	13
6.4.3 Taper	14
6.5 Physical integrity	14
6.5.1 General	14
6.5.2 Apparatus	14
6.5.3 Method	14
6.5.4 Interpretation of the results	15
6.6 Radiopacity for polymeric points and carrier-based obturating devices	16
6.6.1 Apparatus	16
6.6.2 Procedure	16
6.6.3 Interpretation of the results	16
6.7 Melt mass flow rate	16
7 Packaging, marking and instructions and information to be supplied by the manufacturer	17
7.1 Packaging	17
7.2 Labelling	17
7.3 Declaration of components	18
Annex A (normative) Melt mass-flow rate test	19
Bibliography	22