

ISO 14356:2003-03 (E)

Dentistry - Duplicating material

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Classification by types	4
5	Material characteristics and properties -- Requirements	4
5.1	General	4
5.2	Melting temperature -- Type 1 materials	4
5.3	Pouring temperature -- Type 1 materials	4
5.4	Component colours -- Type 2 materials	4
5.5	Detail reproduction	4
5.6	Compatibility with refractory investment (and gypsum if applicable)	5
5.7	Elastic recovery	5
5.8	Tear strength	5
5.9	Resistance to fungal growth -- Type 1 materials only	5
6	Sampling	5
7	Test methods -- General	5
7.1	Laboratory conditions	5
7.2	Verification of apparatus function	5
7.3	Specimen preparation and testing	5
7.4	Pass/fail determinations	6
7.5	Expression of test results	6
8	Specific specimen preparation and test procedures	6
8.1	Melting temperature test -- Type 1 materials only	6
8.2	Detail reproduction test	7
8.3	Test for compatibility with refractory investment (and gypsum if applicable)	8
8.4	Elastic recovery test	9
8.5	Tear strength test	12
8.6	Fungal growth resistance test -- Type 1 agar materials only	15
9	Requirements for packaging	15
10	Requirements for labelling	15
11	Instructions for use -- Required information	16
Annex A (informative)	Optional procedure for tear test	27