

DIN EN ISO 29022:2013-09 (E)

Dentistry - Adhesion - Notched-edge shear bond strength test (ISO 29022:2013)

Contents		Page
Foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Tooth substrate and storage	5
4.1	General	5
4.2	Time after extraction	6
4.3	Condition of teeth	6
4.4	Initial preparation and storage of teeth	6
5	Tooth surface preparation	6
5.1	General	6
5.2	Potting (mounting) of teeth	6
5.3	Surface preparation	7
5.4	Storage of prepared specimens	7
6	Specimen production, handling and storage	7
6.1	General	7
6.2	Preconditioning	7
6.3	Application of adhesive	7
6.4	Insertion into bonding clamp	8
6.5	Composite placement	8
6.6	Specimen handling and storage	8
7	Notched-edge shear test	9
7.1	Apparatus	9
7.2	Shear loading	10
7.3	Test	10
7.4	Recording and treatment of results	10
7.5	Report	10
Annex A (normative) Detailed drawings of notched-edge shear apparatus		12