

DIN ISO 3537:2018-02 (E)

Road vehicles - Safety glazing materials - Mechanical tests (ISO 3537:2015)

Contents		Page
Foreword		5
1	Scope	6
2	Normative references	6
3	Terms and definitions	6
4	Test conditions	6
5	Application of tests	6
6	227 g ball test	6
6.1	Principle	6
6.2	Apparatus	6
6.3	Test piece	8
6.4	Procedure	8
6.5	Expression of results	8
7	2 260 g ball test	8
7.1	Principle	8
7.2	Apparatus	9
7.3	Test piece	9
7.4	Procedure	9
7.5	Expression of results	9
8	Abrasion resistance test	9
8.1	Principle	9
8.2	Apparatus	9
8.3	Test pieces	12
8.4	Standardization of abrading wheels	12
8.5	Procedure	13
8.6	Expression of results	15
9	Fragmentation test	15
9.1	Principle	15
9.2	Apparatus	16
9.3	Procedure	16
9.4	Expression of results	17
10	Head-form test	18
10.1	Principle	18
10.2	Apparatus	18
10.3	Procedure	20
10.3.1	Tests on flat test piece	20
10.3.2	Tests on complete windscreen	20
10.4	Expression of results	21
Annex A (informative)	Vacuum pick-up nozzle modification	22
Annex B (informative)	Calibration verification of Taber abraser	23