

# ISO 3537:2015-04 (E)

## Road vehicles - Safety glazing materials - Mechanical tests

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>1</b>
<b>4</b>	<b>Test conditions .....</b>	<b>1</b>
<b>5</b>	<b>Application of tests .....</b>	<b>1</b>
<b>6</b>	<b>227 g ball test .....</b>	<b>1</b>
6.1	Principle .....	1
6.2	Apparatus .....	1
6.3	Test piece .....	3
6.4	Procedure .....	3
6.5	Expression of results .....	3
<b>7</b>	<b>2 260 g ball test .....</b>	<b>3</b>
7.1	Principle .....	3
7.2	Apparatus .....	4
7.3	Test piece .....	4
7.4	Procedure .....	4
7.5	Expression of results .....	4
<b>8</b>	<b>Abrasion resistance test .....</b>	<b>4</b>
8.1	Principle .....	4
8.2	Apparatus .....	4
8.3	Test pieces .....	7
8.4	Standardization of abrading wheels .....	7
8.5	Procedure .....	8
8.6	Expression of results .....	10
<b>9</b>	<b>Fragmentation test .....</b>	<b>10</b>
9.1	Principle .....	10
9.2	Apparatus .....	11
9.3	Procedure .....	11
9.4	Expression of results .....	12
<b>10</b>	<b>Head-form test .....</b>	<b>13</b>
10.1	Principle .....	13
10.2	Apparatus .....	13
10.3	Procedure .....	15
10.3.1	Tests on flat test piece .....	15
10.3.2	Tests on complete windscreen .....	15
10.4	Expression of results .....	16
<b>Annex A (informative)</b>	<b>Vacuumpick-upnozzlemodification .....</b>	<b>17</b>
<b>Annex B (informative)</b>	<b>CalibrationverificationofTaberabraser .....</b>	<b>18</b>