

ISO 17449:2015-11 (E)

Road vehicles - Safety glazing materials - Test methods for properties of electrically heated glazing

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Specimens	3
5	Conditioning of test specimens	3
6	Application of test	3
7	Requirements	4
7.1	Circuit continuity and heating power	4
7.1.1	Purpose of test	4
7.1.2	Apparatus	4
7.1.3	Procedure	4
7.1.4	Expression of results	4
7.2	Driving visibility	5
7.2.1	Purpose of test	5
7.2.2	Apparatus	5
7.2.3	Procedure	5
7.2.4	Expression of results	5
7.3	Electrical attachment bond performance	5
7.3.1	Purpose of test	5
7.3.2	Apparatus	5
7.3.3	Procedure	6
7.3.4	Expression of results	6
7.4	Electrical attachment bending performance	6
7.4.1	Purpose of test	6
7.4.2	Procedure	6
7.4.3	Expression of results	6
7.5	Hot spot and heating uniformity	6
7.5.1	Purpose of test	6
7.5.2	Apparatus	7
7.5.3	Procedure	7
7.5.4	Expression of results	7
7.6	Defrosting efficiency	7
7.6.1	Purpose of test	7
7.6.2	Apparatus	7
7.6.3	Procedure	8
7.6.4	Expression of results	8
7.7	High voltage durability	8
7.7.1	Purpose of test	8
7.7.2	Procedure	8
7.7.3	Expression of results	9
7.8	Low temperature performance	9
7.8.1	Purpose of test	9
7.8.2	Apparatus	9

7.8.3	Procedure	9
7.8.4	Expression of results	9
7.9	Long term humidity durability	9
7.9.1	Purpose of test	9
7.9.2	Apparatus	9
7.9.3	Procedure	10
7.9.4	Expression of results	10
8	Acceptance criteria	10