

ISO 1288-2:2016-02 (E)

Glass in building - Determination of the bending strength of glass - Part 2: Coaxial double-ring test on flat specimens with large test surface areas

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Symbols	2
5	Principle of test method	2
6	Apparatus	3
6.1	Testing machine	3
6.2	Loading device	4
6.2.1	Ring load	4
6.2.2	Surface pressure regulator	4
6.3	Measuring instruments	5
7	Sample	5
7.1	Shape and dimensions of the specimens	5
7.2	Sampling and preparation of specimens	5
7.2.1	Cutting and handling	5
7.2.2	Conditioning	5
7.2.3	Examination	6
7.2.4	Adhesive film	6
7.3	Number of specimens	6
8	Procedure	6
8.1	Temperature	6
8.2	Humidity	6
8.3	Thickness measurement	6
8.4	Base plate	6
8.5	Positioning of specimen and loading ring	6
8.6	Load application	7
8.7	Loading rate	7
8.8	Location of the origin	7
8.9	Assessment of residual stresses	7
9	Evaluation	8
9.1	Limitation of the evaluation	8
9.2	Calculation of bending strength	8
10	Test report	9
Annex A (informative)	Example of a device for keeping the gas pressure, p , in line with the piston force, F	11
Bibliography		14