

ISO 20492-3:2010-08 (E)

Glass in buildings - Insulating glass - Part 3: Gas concentration and gas leakage

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Requirements	3
4.1	Approach 1	3
4.2	Approach 2	3
5	Principle	4
5.1	Approach 1	4
5.2	Approach 2	4
6	Apparatus	4
6.1	Approach 1	4
6.2	Approach 2	4
7	Reagents and materials	5
7.1	Approach 1	5
7.2	Approach 2	5
8	Test specimens	5
8.1	Approach 1	5
8.2	Approach 2	7
9	Procedure	8
9.1	Approach 1	8
9.2	Approach 2	8
10	Precision of test method	10
10.1	Approach 1	10
10.2	Approach 2	10
11	Test report	10
11.1	Approach 1	10
11.2	Approach 2	10
Annex A (normative) Calibration and standardization of the gas chromatograph for approach 1		12
Annex B (normative) Requirements for other gases for approach 2		14
Annex C (informative) Relationship between artificial and natural ageing with regard to thermal and sound insulation		16
Annex D (informative) Determination of the gas leakage rate by gas chromatography for approach 2		17
Bibliography		27