

# ISO 2782-1:2012-06 (E)

## Rubber, vulcanized or thermoplastic - Determination of permeability to gases - Part 1: Differential-pressure methods

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Principle .....	2
5	Pressure sensor method .....	2
5.1	Apparatus .....	2
5.2	Calibration .....	3
5.3	Test gas .....	3
5.4	Test pieces .....	4
5.5	Conditioning .....	4
5.6	Test conditions .....	4
5.7	Gas transmission area .....	4
5.8	Procedure .....	5
5.9	Calculation and expression of results .....	6
6	Gas-chromatographic method .....	7
6.1	Apparatus .....	7
6.2	Calibration .....	9
6.3	Test gas .....	9
6.4	Carrier gas .....	9
6.5	Test pieces .....	9
6.6	Conditioning .....	9
6.7	Test conditions .....	9
6.8	Gas transmission area .....	9
6.9	Calibration curve .....	9
6.10	Procedure .....	9
6.11	Calculation and expression of results .....	10
7	Test report .....	11
Annex A (normative)	Calibration schedule .....	13