

# ISO 12493:2011-07 (E)

## Rubber, vulcanized - Determination of stress in tension upon heating

---

<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	Apparatus .....	2
5.1	Thermal-stress testing machine .....	2
5.2	Temperature-controlled chamber .....	3
5.3	Thickness- and width-measuring devices .....	3
6	Calibration .....	3
7	Test piece .....	3
7.1	Dimensions .....	3
7.2	Number of test pieces .....	4
7.3	Time lapse between moulding and testing .....	4
7.4	Conditioning .....	4
8	Test conditions .....	4
8.1	Temperature .....	4
8.2	Pre-strain .....	4
9	Procedure .....	5
10	Expression of results .....	5
11	Precision .....	7
12	Test report .....	7
Annex A (normative) Calibration schedule .....		9
Bibliography .....		11