

ISO 4666-3:2022-12 (E)

Rubber, vulcanized - Determination of temperature rise and resistance to fatigue in flexometer testing - Part 3: Compression flexometer (constant-strain type)

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	2
5	Apparatus	2
5.1	Flexometer	2
5.1.1	General description	2
5.1.2	Detailed description	2
5.2	Measuring gauge	4
5.3	Timer	4
6	Calibration	4
7	Test piece	5
8	Test conditions	5
9	Procedure	6
9.1	Preparation of flexometer	6
9.2	Test procedure	6
9.2.1	General	6
9.2.2	Determination of temperature rise and of compression set	7
9.2.3	Determination of fatigue resistance	7
9.2.4	Determination of creep	7
10	Expression of results	8
10.1	Temperature rise	8
10.2	Creep	8
10.3	Compression set	8
10.4	Fatigue life	9
11	Precision	9
12	Test report	9
Annex A (informative)	Precision	10
Annex B (informative)	Guidance for using precision results	12
Annex C (normative)	Calibration schedule	13
Bibliography		16