ISO 3387:2020-03 (E)

Rubber - Determination of crystallization effects by har dness measurements

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Principle 1

5 Apparatus 2

6 Calibration 2

7 Test pieces 2
7.1 Dimensions 2
7.2 Preparation 3
7.2.1 Vulcanized rubber 3
7.2.2 Raw and unvulcanized rubber 3
7.3 Conditioning 3
7.3.1 Time-interval between vulcanization and testing 3
7.3.2 Decrystallization and conditioning 3

8 Temperature and duration of test 4
8.1 Temperature 4
8.2 Duration 4

9 Procedure 4
9.1 Hardness measurement 4
9.2 Original hardness 5
9.3 Initial hardness at test temperature 5
9.4 Hardness increase due to crystallization 5

10 Expression of results 5

11 Test report 7

Annex A (normative) Calibration schedule 9

Bibliography 11