ISO/TS 16096:2014-04 (E)

Reclaimed isobutene-isoprene (IIR) rubber - Evaluation procedure

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Sampling and sample preparation 1

4 Physical and chemical tests on raw rubber 2
4.1 Mooney viscosity 2
4.2 Acetone extract 2
4.3 Ash 2
4.4 Carbon black 2
4.5 Rubber content 2

5 Preparation of test mix for evaluation 2
5.1 Standard test formulation 2
5.2 Mixing procedure -- Mixing with a laboratory mill 3

6 Evaluation of vulcanization characteristics by a curemeter test 4
6.1 Using an oscillating disc curemeter 4
6.2 Using a rotorless curemeter 5

7 Evaluation of Mooney viscosity of test mixes 5

8 Evaluation of tensile stress-strain properties of vulcanized test mixes 5

9 Evaluation of Shore hardness of vulcanized test mixes 5

10 Test report 5