

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