

ISO/TS 16095:2021-07 (E)

Reclaimed rubber derived from products containing mainly natural rubber - Evaluation procedure

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Sampling and sample preparation	2
5	Physical and chemical tests on raw rubber	2
5.1	Mooney viscosity	2
5.2	Acetone extract	2
5.3	Ash	2
5.4	Carbon black	2
5.5	Rubber content	2
6	Preparation of test mix for evaluation	2
6.1	Standard test formulation	2
6.2	Mixing procedure -- Mixing with a laboratory mill	3
7	Evaluation of vulcanization characteristics by a curemeter test	4
7.1	Using an oscillating disc curemeter	4
7.2	Using a rotorless curemeter	5
8	Evaluation of Mooney viscosity of test mixes	5
9	Evaluation of tensile stress-strain properties of vulcanized test mixes	5
10	Evaluation of Shore hardness of vulcanized test mixes	5
11	Test report	6
Bibliography		7