ISO 2303:2019 (E)

Isoprene rubber (IR) — Non-oil-extended, solution-polymerized types — Evaluation procedures

Contents

		Forew	rord		
1		Scope	•		
2	2		Normative references		
3		Terms and definitions			
4		Sampling and sample preparation			
5		Physical and chemical tests on raw rubber			
	5.1 5.2 5.3	•	Mooney viscosity Volatile matter Ash		
6	Preparation of the test mixes for evaluation of isoprene		ration of the test mixes for evaluation of isoprene rubbers		
7	6.2.3 6.2.3 6.2.3 6.2.3 6.2.3 6.2.3	2 2.1 2.2 2.3 3 3.1 3.2 3.3 3.3.1 3.3.2 3.3.3	Standard test formulation Procedure Equipment and procedure Mill mixing procedures General Method A Method B Laboratory internal mixer (LIM) mixing procedure General Single-stage mixing procedure Two-stage mixing including mill for final mixing procedure General Stage 1 — Initial mixing stage Stage 2 — Final mixing stage ation of vulcanization characteristics by a curemeter test Using an oscillating-disc curemeter		
•	7.2	F	Using a rotorless curemeter		
8		Evaluation of tensile stress-strain properties of vulcanized test mixes			
9		Precision			
10		Test report			
Annex	A.1 A.2 A.2. A.2. A.2.	1	mative) Precision data for both mill mixer and laboratory internal mixer General Results General Repeatability Reproducibility		
Annex B		(inforr	native) Additional precision data for natural rubber		

Page count: 15