
**Reclaimed isobutene-isoprene (IIR)
rubber — Evaluation procedure**

*Caoutchouc isobutène-isoprène (IIR) régénéré — Méthode
d'évaluation*





COPYRIGHT PROTECTED DOCUMENT

© ISO 2021

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

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	4
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	5
Bibliography	7