

---

---

**Rubber, vulcanized or thermoplastic —  
Estimation of life-time and maximum  
temperature of use**

*Caoutchouc vulcanisé ou thermoplastique — Estimation de la durée  
de vie et de la température maximale d'utilisation*





**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2014

All rights reserved. Unless otherwise specified, 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  
Case postale 56 • CH-1211 Geneva 20  
Tel. + 41 22 749 01 11  
Fax + 41 22 749 09 47  
E-mail [copyright@iso.org](mailto:copyright@iso.org)  
Web [www.iso.org](http://www.iso.org)

Published in Switzerland

# Contents

	Page
<b>Foreword</b> .....	<b>iv</b>
<b>Introduction</b> .....	<b>v</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 Principle</b> .....	<b>1</b>
<b>5 Selection of tests and ageing oven</b> .....	<b>2</b>
<b>6 Selection of threshold value</b> .....	<b>2</b>
<b>7 Test pieces</b> .....	<b>2</b>
<b>8 Exposure temperatures</b> .....	<b>3</b>
<b>9 Exposure times</b> .....	<b>3</b>
<b>10 Procedure</b> .....	<b>3</b>
<b>11 Expression of results</b> .....	<b>4</b>
11.1 Arrhenius procedure.....	4
11.2 WLF procedure.....	6
11.3 Limitations.....	8
<b>12 Test report</b> .....	<b>8</b>
<b>Bibliography</b> .....	<b>10</b>