

INTERNATIONAL
STANDARD

ISO
75-2

Third edition
2013-04-15

**Plastics — Determination of
temperature of deflection under load —**

**Part 2:
Plastics and ebonite**

*Plastiques — Détermination de la température de fléchissement
sous charge —*

Partie 2: Plastiques et ébonite

Reference number
ISO 75-2:2013(E)



Licensee=University of Alberta/5966844001, User=sharabiani, shahramfs
Not for Resale, 11/30/2013 22:05:39 MST

© ISO 2013



COPYRIGHT PROTECTED DOCUMENT

© ISO 2013

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
Web www.iso.org

Published in Switzerland

Contents

	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Principle	2
5 Apparatus	2
5.1 Means of producing a flexural stress	2
5.2 Heating equipment	2
5.3 Weights	2
5.4 Temperature-measuring instrument	2
5.5 Deflection-measuring instrument	2
6 Test specimens	2
6.1 General	2
6.2 Shape and dimensions	2
6.3 Specimen inspection	3
6.4 Number of test specimens	3
6.5 Test-specimen preparation	3
6.6 Annealing	3
7 Conditioning	3
8 Procedure	3
8.1 Calculation of force to be applied	3
8.2 Initial temperature of the heating equipment	3
8.3 Measurement	3
9 Expression of results	4
10 Precision	4
11 Test report	4
Annex A (informative) Precision	5
Bibliography	9