



International
Standard

ISO 75-3

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

**Part 3:
High-strength thermosetting
laminates and long-fibre-reinforced
plastics**

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

*Partie 3: Stratifiés thermodurcissables à haute résistance et
plastiques renforcés de fibres longues*

**Third edition
2025-07**

iTeh Standards
(<https://standards.itih.ai>)
Document Preview

ISO 75-3:2025

<https://standards.itih.ai/catalog/standards/iso/12a2a3c6-549e-42d2-8144-4fe525dc8593/iso-75-3-2025>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2025

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
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	1
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
5.6 Micrometers and gauges	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 and drying	3
8 Procedure	4
8.1 Calculation of the force to be applied	4
8.2 Initial temperature of the heating equipment	4
8.3 Measurement	4
9 Expression of results	5
10 Precision	5
11 Test report	5
Annex A (informative) Precision data	6
Bibliography	11