
**Plastics — Temperature modulated
DSC —**

**Part 3:
Separation of overlapping thermal
transitions**

*Plastiques — DSC à température modulée —
Partie 3: Séparation des transitions thermiques se chevauchant*
(<https://standards.iteh.ai>)
Document Preview

[ISO 19935-3:2021](https://standards.iteh.ai/catalog/standards/iso/b0aa5c6a-ccc4-4934-9455-32d7a133233e/iso-19935-3-2021)

<https://standards.iteh.ai/catalog/standards/iso/b0aa5c6a-ccc4-4934-9455-32d7a133233e/iso-19935-3-2021>



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

[ISO 19935-3:2021](https://standards.iteh.ai/catalog/standards/iso/b0aa5c6a-ccc4-4934-9455-32d7a133233e/iso-19935-3-2021)

<https://standards.iteh.ai/catalog/standards/iso/b0aa5c6a-ccc4-4934-9455-32d7a133233e/iso-19935-3-2021>



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
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Symbols	1
4.1 Temperature modulation, $T(t)$	1
4.2 Heating rate	1
4.3 Heat flow rate, $\Phi(t)$	1
5 Principles	2
6 Apparatus and materials	2
7 Calibration	2
7.1 General	2
7.2 Calibration procedure	2
7.3 Calibration of modulation amplitude	2
7.4 Calibration of phase	2
8 Procedure	2
8.1 General	2
8.2 Experimental conditions	2
8.3 Interpretation of results	2
8.4 Examples of the results — Separation of reversing and non-reversing heat flow rate	2
9 Test report	4
Annex A (informative) Modulated heat flow rate and heating rate of modulation	5

[ISO 19935-3:2021](https://standards.iteh.ai/catalog/standards/iso/b0aa5c6a-ccc4-4934-9455-32d7a133233e/iso-19935-3-2021)

<https://standards.iteh.ai/catalog/standards/iso/b0aa5c6a-ccc4-4934-9455-32d7a133233e/iso-19935-3-2021>