
**Information and documentation —
Papers and boards used for
conservation — Measurement of
impact of volatiles on cellulose in paper**

*Information et documentation — Papiers et cartons utilisés pour la
conservation — Mesure de l'impact des substances volatiles sur la
cellulose du papier*

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

[ISO 23404:2020](https://standards.iteh.ai/catalog/standards/iso/b971f22e-f799-4d3e-8f6d-8c8cce6b4918/iso-23404-2020)

<https://standards.iteh.ai/catalog/standards/iso/b971f22e-f799-4d3e-8f6d-8c8cce6b4918/iso-23404-2020>



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

[ISO 23404:2020](https://standards.iteh.ai/catalog/standards/iso/b971f22e-f799-4d3e-8f6d-8c8cce6b4918/iso-23404-2020)

<https://standards.iteh.ai/catalog/standards/iso/b971f22e-f799-4d3e-8f6d-8c8cce6b4918/iso-23404-2020>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2020

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.....	2
5 Apparatus.....	3
6 Preparation of apparatus.....	4
6.1 Glass vials and vessels.....	4
6.2 Vial storage.....	4
7 Sampling.....	4
8 Conditioning.....	4
9 Determination of the dry matter content.....	4
10 Preparation of the samples.....	5
10.1 Test vial.....	5
10.2 Control vial.....	5
10.3 Sealing leak indicator.....	5
10.4 Reference paper.....	5
10.5 Vial sealing.....	6
11 Procedure.....	6
11.1 Number of vials.....	6
11.2 Accelerated ageing.....	6
11.3 Reference paper test pieces removal and reconditioning.....	6
11.4 Measurements of the limiting viscosity number of reference paper test pieces.....	7
12 Calculations.....	7
12.1 Calculation of viscosity-average degree of polymerization (DP_v) of the reference paper test pieces.....	7
12.2 Test validation.....	7
12.2.1 Validation of the control.....	7
12.2.2 Validation of the test.....	8
12.3 Expression of results.....	8
13 Report.....	8
Bibliography.....	9