
**Paper and board — Determination of
air permeance (medium range) —**

**Part 6:
Oken method**

*Papier et carton — Détermination de la perméabilité à l'air (plage de
valeurs moyennes) —*

Partie 6: Méthode Oken





COPYRIGHT PROTECTED DOCUMENT

© ISO 2015, Published in Switzerland

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
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	1
5 Apparatus	2
5.1 Air resistance apparatus (Oken tester)	2
5.2 Water column type	2
5.3 Electronic sensor type	4
6 Sampling	5
7 Conditioning	5
8 Preparation of test pieces	5
9 Calibration	5
10 Procedure	5
11 Expression of results	6
11.1 Calculation of air permeance	6
11.2 Reporting the results	6
11.3 Standard deviation and coefficient of variation	6
12 Test report	6
Annex A (informative) Measurement principle of air resistance (Oken) and its relation to air resistance (Gurley)	8
Annex B (informative) Precision data	11
Bibliography	13