
**Paints and varnishes — Determination
of resistance to abrasion —**

**Part 3:
Method with abrasive-paper covered
wheel and linearly reciprocating test
specimen**

Peintures et vernis — Détermination de la résistance à l'abrasion —

*Partie 3: Méthode utilisant une roue revêtue de papier abrasif et une
éprouvette animée d'un mouvement de va-et-vient linéaire*





COPYRIGHT PROTECTED DOCUMENT

© ISO 2016, 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
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	2
5 Apparatus and materials	3
6 Test specimens	4
6.1 Preparation of test specimens.....	4
6.2 Film thickness.....	4
6.3 Conditioning.....	4
7 Procedure	4
7.1 Agreements.....	4
7.2 Preparation of the abrasive wheel.....	4
7.3 Test conditions.....	5
7.4 Number of determinations.....	5
7.5 General test procedure.....	5
7.6 Procedure of the pre-test.....	5
7.7 Procedure of the main test.....	6
8 Evaluation of the main test	6
8.1 Loss in mass by abrasion.....	6
8.2 Abrasion resistance.....	6
9 Precision	6
9.1 General.....	6
9.2 Repeatability limit.....	6
9.3 Reproducibility limit.....	6
10 Test report	7
Bibliography	8