

---

---

**Paper — Determination of  
transmittance by diffuse reflectance  
measurement**

*Papier — Détermination de la transmittance par le mesurage de la  
réflectance diffuse*



Reference number  
ISO 22891:2013(E)

© ISO 2013



**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2013

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  
Case postale 56 • CH-1211 Geneva 20  
Tel. + 41 22 749 01 11  
Fax + 41 22 749 09 47  
E-mail [copyright@iso.org](mailto:copyright@iso.org)  
Web [www.iso.org](http://www.iso.org)

Published in Switzerland

# Contents

	Page
Foreword .....	iv
Introduction .....	v
<b>1 Scope .....</b>	<b>1</b>
<b>2 Normative references .....</b>	<b>1</b>
<b>3 Terms and definitions .....</b>	<b>1</b>
<b>4 Principle .....</b>	<b>3</b>
<b>5 Apparatus .....</b>	<b>3</b>
<b>6 Sampling .....</b>	<b>4</b>
<b>7 Preparation of test pieces .....</b>	<b>4</b>
<b>8 Procedure .....</b>	<b>4</b>
<b>9 Calculation .....</b>	<b>4</b>
<b>10 Test report .....</b>	<b>5</b>
<b>Annex A (normative) Spectral characteristics of reflectometers for measuring luminous reflectance factors .....</b>	<b>6</b>
<b>Annex B (informative) Relationship between transmittance and opacity .....</b>	<b>8</b>
<b>Annex C (informative) Precision .....</b>	<b>9</b>
<b>Bibliography .....</b>	<b>11</b>