
**Optics and photonics — Optical
materials and components — Test
method for bubbles and inclusions in
infrared optical materials**

*Optique et photonique — Matériaux et composants optiques —
Méthodes d'essai pour déterminer les impuretés des matériaux
optiques infrarouges*





COPYRIGHT PROTECTED DOCUMENT

© ISO 2018

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
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	1
5 Apparatus	2
5.1 General apparatus arrangement	2
5.2 Infrared light source system	2
5.3 Infrared imaging system	2
5.4 Computer data collecting, processing and displaying system	3
6 Test conditions	3
6.1 Environmental temperature	3
6.2 Relative air humidity	3
7 Sample	3
7.1 Thickness	3
7.2 Polished surfaces	3
8 Procedure	3
9 Data processing	4
10 Test report	4
Annex A (informative) Test record of bubbles and inclusions in infrared optical materials	5
Bibliography	6