
**Plastics — Methods for determining the
density of non-cellular plastics —**

Part 1:

**Immersion method, liquid pycnometer
method and titration method**

*Plastiques — Méthodes de détermination de la masse volumique des
plastiques non alvéolaires —*

*Partie 1: Méthode par immersion, méthode du pycnomètre en milieu
liquide et méthode par titrage*





COPYRIGHT PROTECTED DOCUMENT

© ISO 2012

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing 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
Web www.iso.org

Published in Switzerland

Contents		Page
Foreword		iv
1 Scope		1
2 Normative references		1
3 Terms and definitions		1
4 Conditioning		2
5 Methods		2
5.1 Method A — Immersion method		2
5.2 Method B — Liquid pycnometer method		4
5.3 Method C — Titration method		5
6 Correction for buoyancy in air		6
7 Test report		7
Annex A (informative) Liquid systems suitable for use in Method C		8
Annex B (informative) Correction for buoyancy in air		9
Bibliography		10