

Plastics — Determination of the viscosity of polymers in dilute solution using capillary viscometers —

**Part 5: Thermoplastic polyester (TP)
homopolymers and copolymers**

ICS 83.080.20

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW

BSI
Documents

AVA

Document Sharing Hub

National foreword

This British Standard is the UK implementation of EN ISO 1628-5:2015. It is identical to ISO 1628-5:1998. It supersedes BS ISO 1628-5:1998, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PRI/21, Testing of plastics.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard, having been prepared under the direction of the Sector Board for Materials and Chemicals, was published under the authority of the Standards Board and comes into effect on 15 June 1998

© The British Standards Institution 2015.
Published by BSI Standards Limited 2015

ISBN 978 0 580 87203 7

Amendments/corrigenda issued since publication

Date	Comments
31 March 2015	This corrigendum renumbers BS ISO 1628-5:1998 as BS EN ISO 1628-5:2015

English Version

Plastics - Determination of the viscosity of polymers in dilute solution using capillary viscometers - Part 5: Thermoplastic polyester (TP) homopolymers and copolymers (ISO 1628-5:1998)

Plastiques - Détermination de la viscosité des polymères en solution diluée à l'aide de viscosimètres à capillaires - Partie 5: Homopolymères et copolymères des polyesters thermoplastiques (TP) (ISO 1628-5:1998)

Kunststoffe - Bestimmung der Viskosität von Polymeren in verdünnter Lösung durch ein Kapillarviskosimeter - Teil 5: Thermoplastische Polyester(TP) Homopolymere und Copolymere (ISO 1628-5:1998)

This European Standard was approved by CEN on 1 March 2015.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Foreword

The text of ISO 1628-5:1998 has been prepared by Technical Committee ISO/TC 61 “Plastics” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 1628-5:2015 by Technical Committee CEN/TC 249 “Plastics” the secretariat of which is held by NBN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2015, and conflicting national standards shall be withdrawn at the latest by September 2015.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 1628-5:1998 has been approved by CEN as EN ISO 1628-5:2015 without any modification.

Contents

	Page
National foreword	Inside front cover
1 Scope	1
2 Normative references	1
3 Principle	1
4 Solvents	1
5 Apparatus	2
6 Solvent and solution	2
7 Procedure	3
8 Expression of results	4
9 Test report	4
Annex A (informative) Round-robin testing	5
Figure A.1 — Viscosity number of PET in phenol/1,2-dichlorobenzene (50/50) relative to that in other solvents	6
Figure A.2 — Viscosity number of PBT in <i>m</i> -cresol relative to that in other solvents	7
Table A.1	5