

Plastics — Phenolic resins in the liquid state or in solution — Determination of viscosity

The European Standard EN ISO 9371:1995 has the status of a
British Standard

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee PRI/21, Testing of plastics, upon which the following bodies were represented:

- The British Apparel and Textile Confederation
- British Plastics Federation
- Department of the Environment (Building Research Establishment)
- Department of Trade and Industry (National Physical Laboratory)
- Electrical and Electronic Insulation Association (BEAMA Ltd.)
- GAMBICA (BEAMA Ltd)
- Institute of Materials
- Ministry of Defence
- Packaging and Industrial Films Association
- PIRA International
- RAPRA Technology Ltd.
- Royal Society of Chemistry

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 December 1995

© BSI 12-1999

The following BSI references relate to the work on this standard:
Committee reference PRI/21
Draft announced in *BSI News* August 1994

ISBN 0 580 24497 0

Amendments issued since publication

Amd. No.	Date	Comments

Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
Foreword	2
1 Scope	3
2 Normative references	3
3 General (valid for all four methods)	3
4 Reference methods	3
5 Comparative test methods	6
6 Test report (valid for all four methods)	6
Annex A (normative) Calibrating Ubbelohde viscometers	7
Annex B (normative) Determination of the viscosity using a Hoeppler dropping-ball viscometer	7
Figure 1 — Details of Ubbelohde viscometer	4
Figure B.1 — Dropping-ball viscometer	8
Table 1 — Dimensions, approximate <i>C</i> -constants and kinematic-viscosity ranges of the Ubbelohde viscometer	5
Table 2 — Correspondence between spindle no. and viscosity range for a rotary viscometer	6
Table B.1 — Balls for use in a dropping-ball viscometer having a measurement tube with an inside diameter of 15,94 mm	9
Table B.2 — Precision data	10

National foreword

This British Standard has been prepared by Technical Committee PRI/21 and is the English language version of EN ISO 9371:1995 *Plastics — Phenolic resins in the liquid state or in solution — Determination of viscosity*. It is identical with ISO 9371:1990 published by the International Organization for Standardization (ISO).

This standard has been dual numbered and is contained in the BS 2782 series of tests as BS 2782-7:Methods 734A-D.

Cross-references

Publication referred to	Corresponding British Standard
	BS 2782 <i>Methods of testing plastics</i> Part 7 <i>Rheological properties</i>
ISO 2555:1989	Method 730C:1992 <i>Determination of apparent viscosity of resins by the Brookfield Test method</i>
ISO 3219:1977	Method 730B:1994 <i>Determination of the viscosity of polymers in the liquid, emulsified or dispersed state, using a rotational viscometer working at a defined shear rate</i>

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN ISO title page, pages 2 to 10 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

Plastics — Phenolic resins in the liquid state or in solution — Determination of viscosity

(ISO 9371:1990)

Plastiques — Résines phénoliques liquides ou
en suspension — Détermination de la viscosité
(ISO 9371:1990)

Kunststoffe — Phenolharze, flüssig oder
Lösung — Bestimmung der Viskosität
(ISO 9371:1990)

This European Standard was approved by CEN on 1995-01-12. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels