

Method for

The determination of crystallizing point

Method for

The determination of melting point and/or melting range

Confirmed
January 2011

Co-operating organizations

The Technical Committee which has been working under the supervision of the Chemical Divisional Council, and which is responsible for the preparation of these British Standards, consists of members representing the following Industry Standards Committees:

- Chemicals
- Laboratory Apparatus
- Pest Control Products
- Petroleum
- Pigments, Paints and Varnishes
- Tar Products (other than Ammonia)

The committee entrusted with the preparation of these British Standards consists of members nominated by the Technical Committee.

These British Standards, having been endorsed by the Chairman of the Chemical Divisional Council, were published under the authority of the Executive Board on 23 October 1970

© BSI 11-1999

The following BSI references relate to the work on these standards:
Committee references C/40, C/40/-/1
Drafts for comment 67/8191 and 68/18936

ISBN 580 06273 2

Amendments issued since publication

Amd. No.	Date of issue	Comments
7715	July 1993	Indicated by a sideline in the margin

Contents

	Page
Co-operating organizations	Inside front cover
Foreword	ii
BS 4633 Method for the determination of crystallizing point	
1 Scope	1
2 Definition	1
3 Apparatus and materials	1
4 Preparation of sample	1
5 Procedure	2
Figure 1 — Apparatus for determination of crystallizing point	3
BS 4634 Method for the determination of melting point and/or melting range	
1 Scope	4
2 Definitions	4
3 Apparatus and materials	4
4 Procedure	5
5 Calculation	5
6 Reporting	5
Figure 1 — Device suitable for holding a number of capillary tubes in close proximity to the thermometer	6

Foreword

These standards make reference to the following British Standards:

BS 593, *Laboratory thermometers*.

BS 3218, *Test tubes and boiling tubes*.

These British Standards have been prepared under the authority of the Chemical Divisional Council to provide general methods for the determination of crystallizing point, and melting point and/or melting range, applicable to a wide range of chemical products. They have been prepared taking into account methods already adopted by other standardizing bodies and by technical committees of the International Organization for Standardization (ISO). It is hoped that they will be adopted not only by those preparing British Standards but also by other bodies preparing specifications.

By agreement with the Standardization of Tar Products Test Committee, hereinafter referred to as STPTC, the method of test and description of apparatus for determination of crystallizing point have been adapted from STPTC Method Serial No. PC 10–67 in the publication, “Standard methods for testing tar and its products” (6th edition 1967). This method also has some features in common with ISO 1392 “*Determination of crystallizing point — General method*”.

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, pages 1 to 6 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.