BRITISH STANDARD

BS 7164-15.1: 1994
ISO 9924-1: 1993

Chemical tests for raw and vulcanized rubber —

Part 15: Method for thermogravimetric determination of the composition of vulcanizates and uncured compounds —

Section 15.1 Butadiene, ethylene-propylene copolymer and terpolymer, isobutene-isoprene, isoprene and styrene-butadiene rubbers

UDC 678.[4 + 7].01:543.226

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW

BSI Documents
Document Sharing Hub

Full document details: BS 7164-15.1:1994

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Plastics and Rubber Standards Policy Committee (PRM/-) to Technical Committee PRM/23, upon which the following bodies were represented:

Institute of Water and Environmental Management
Laboratory of the Government Chemist
Ministry of Defence
Royal Society of Chemistry
Rubber and Plastics Research Association

This British Standard, having been prepared under the direction of the Plastics and Rubber Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on
15 March 1994

© BSI 09-1999

The following BSI references relate to the work on this standard:
Committee reference PRM/23
Draft for comment 91/43990 DC

ISBN 0 580 22975 0

Amendments issued since publication

Amd. No.	Date	Comments

Documents
Document Sharing Hub

Full document details: BS 7164-15.1:1994

Contents

		Page
Committees responsible		Inside front cover
National foreword		ii
1	Scope	1
2	Normative reference	1
3	Principle	1
4	Reagents	1
5	Apparatus	2
6	Thermogravimetric analyser checks	2
7	Procedure	3
8	Expression of results	4
9	Test report	5
List of references		Inside back cover

Documents
Document Sharing Hub

© BSI 09-1999

Full document details: BS 7164-15.1:1994

National foreword

This Section of BS 7164 has been prepared under the direction of the Plastics and Rubber Standards Policy Committee and is identical with ISO 9924-1:1993 *Rubber and rubber products — Determination of the composition of vulcanizates and uncured compounds by thermogravimetry — Part 1: Butadiene, ethylene-propylene copolymer and terpolymer, isobutene-isoprene, isoprene and styrene-butadiene rubbers*, published by the International Organization for Standardization (ISO).

Other compounds will be covered in Section 15.2.

BS 7164 rationalizes all the methods that deal with chemical analysis of raw, compounded and vulcanized rubber, some of which have previously been published in BS 903, BS 1673 and BS 5923. Relevant Parts of those standards will be withdrawn or deleted by amendment, as appropriate, when superseded by Parts and Sections of BS 7164.

This British Standard calls for the use of procedures that may be injurious to health if adequate precautions are not taken. It refers only to technical suitability and does not absolve the user from legal obligations relating to health and safety at any stage.

Cross-reference

International Standard	Corresponding British Standard
ISO 1407:1992	BS 7164 *Chemical tests for raw and vulcanized rubber* Part 3:1992 *Methods for determination of solvent extract*

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, an inside back cover 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.

© BSI 09-1999

Documents
Document Sharing Hub
Full document details: BS 7164-15.1:1994