

Method for

Evaluation of general purpose ethylene- propylene-diene rubber (EPDM)

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/50, upon which the following bodies were represented:

- British Rubber Manufacturers' Association Ltd.
- Chemical Industries' Association
- Ministry of Defence
- Tropical Growers' Association

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National foreword

This British Standard has been prepared under the direction of the Plastics and Rubber Standards Policy Committee and is identical with ISO 4097:1991 *Rubber, ethylene-propylene-diene (EPDM) — General purpose types — Evaluation procedure*, published by the International Organization for Standardization (ISO). It supersedes BS 6063:1981 which is withdrawn.

Cross-references

International standard	Corresponding British Standard
ISO 247:1990	BS 7164 <i>Chemical tests for raw and vulcanized rubber</i> Part 5:1991 <i>Methods for determination of ash content</i> (Identical)
ISO 471:1983	BS 903 <i>Physical testing of rubber</i> Part A35:1985 <i>Temperatures, humidities and times for conditioning, and testing of test pieces</i> (Identical)
ISO 1795:1974 ISO 1796:1982	BS 6315:1982 <i>Methods for sampling and sample preparation of raw rubber</i> (Technically equivalent)
ISO 2393:1973	
ISO 3417:1991	BS 1674:1976 ^a <i>Specification for equipment and general procedure for mixing and vulcanizing rubber test mixes</i> (Technically equivalent) BS 903 <i>Physical testing of rubber</i> Part A60 <i>Curemetering</i> Section 60.2:1992 <i>Method for the determination of vulcanization characteristics using an oscillating disc curemeter</i> (Identical)

^a BS 1674 was revised in 1991 and is now only related to ISO 2393:1973.

The Technical Committee has reviewed the provisions of ISO 37:1977, ISO 248:1991, ISO 289:1985 and ISO 6502:1991, to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard.

Additional information. It is customary in the UK to condition the rubber at 23 °C which is one of the preferred temperatures given in ISO 2393:1973 (see 5.2.2.1 i), 5.2.2.2.1 g), 5.2.2.2.2 g) and clause 7).

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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.