

Sampling and testing carbon black for use in the rubber industry —

**Part 21: Classification system for
carbon blacks used in rubber products**

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee PRI/53, Carbon Black, upon which the following body was represented:

British Rubber Manufacturers' Association

This British Standard, having been prepared under the direction of the Materials and Chemicals Sector Board (I/-), was published under the authority of the Standards Board and comes into effect on 15 February 1995

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The following BSI references relate to the work on this standard:
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National foreword

This Part of BS 5293 has been prepared by Technical Committee PRI/53 and is identical with ISO Technical Report ISO/TR 12245:1994 *Carbon blacks used in rubber products — Classification system*, published by the International Organization for Standardization (ISO).

Cross-references

International Standard	Corresponding British Standard
ISO 1304:1985	BS 5293 <i>Sampling and testing carbon black for use in the rubber industry</i> . Part 10:1988 <i>Method for determination of iodine absorption number</i> (Identical)
ISO 1306:1987	Part 2:1990 <i>Method for determination of pour density</i> (Identical)
ISO 3257:1992	Part 20:1992 <i>Method for evaluation in styrene-butadiene rubbers</i> (Identical)
ISO 4656-1:1992	Part 17:1993 <i>Method for determination of dibutyl phthalate absorption number using an absorptometer</i> (Identical)
ISO 5435:1994	Part 13:1994 <i>Method for determination of tinting strength</i> (Identical)
ISO 6810:1985	Part 12:1988 <i>Methods for determination of surface area by surfactant adsorption</i> (Identical)
ISO 6894:1991	Part 19:1991 <i>Preparation of samples for determination of dibutyl phthalate adsorption number (compressed sample)</i> (Identical)
ISO 3417:1991	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)

The Technical Committee has reviewed the provisions of ISO 37:1977, ISO 2393:1994 and ISO 4562:1994, to which normative references are made in the text, and has decided that they are acceptable for use in conjunction with this standard.

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.