



BS 903 : Part C2 : 1982
BS 2782 : Part 2 :
Method 230A : 1982

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British Standard
BS 903 Methods of testing vulcanized rubber
Part C2. Determination of volume resistivity

BS 2782 Methods of testing plastics
Part 2. Electrical properties
Method 230A. Determination of volume resistivity

Méthodes d'essai des élastomères vulcanisés
Partie C2. Détermination de la résistivité transversale

Verfahren zur Prüfung von vulkanisierten Elastomeren
Teil C2. Bestimmung des spezifischen Volumenwiderstands

Méthodes d'essai des matières plastiques
Partie 2. Caractéristiques électriques
Méthode 230A. Détermination de la résistivité transversale

Verfahren zur Prüfung von Kunststoffen
Teil 2. Elektrische Eigenschaften
Verfahren 230A. Bestimmung des spezifischen Volumenwiderstands

British Standards Institution

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BS 2782 : Part 2 : Method 230A : 1982

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Foreword

This revision of this Part of this British Standard, which has been published under the direction of the Plastics Standards Committee and the Rubber Standards Committee, supersedes BS 903 : Part C2 : 1956 and method 202A of BS 2782 : 1970 which are being withdrawn.

This standard includes information from BS 6233 (identical with IEC 93). The dimensions of the electrodes have been aligned with those recommended in BS 6233 and differ from those specified in the earlier editions of this standard. This standard does not contain a revision of method 202B of BS 2782 : 1970 which describes a method not using a guard ring and which has been withdrawn.

In preparing this standard to cover the testing of both vulcanized rubber and plastics, there was some difficulty in reconciling the requirements for the period of conditioning

the test pieces prior to testing. The internationally agreed period for vulcanized rubber is a minimum of 16 h (see BS 903 : Part A35) but for plastics a minimum of 88 h is usual (see ISO 291). However, for most rubbers and plastics, it is considered that 16 h is adequate in the climatic conditions prevailing in the UK.

Attention is drawn to BS 4618 : Section 2.3 which gives advice on the experimental programme and subsequent presentation of data for design purposes.

Warning note. This British Standard does not necessarily detail all the precautions necessary to meet the requirements of the Health and Safety at Work etc. Act 1974. Attention should be paid to any appropriate safety precautions and the method should be operated only by trained personnel.