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Australian Standard®

Test methods for electric cables, cords and conductors

Method 2.1: Insulation, extruded semi-conductive screens and nonmetallic sheaths-Methods for general application



This Australian Standard was prepared by Committee EL/3, Electric Wires and Cables. It was approved on behalf of the Council of Standards Australia on 10 July 1993 and published on 11 October 1993.

The following interests are represented on Committee EL/3:

Australian Electrical and Electronic Manufacturers Association

Department of Defence

Office of Energy, N.S.W.

Electrical Contractors Association of Australia

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PREFACE

This Standard was prepared by the Standards Australia Committee on Electric Wires and Cables to replace part of AS 1660.2—1986, Methods of test for electric cables, cords and conductors, Part 2: Insulation, extruded semi-conductive screens and non-metallic sheaths. It is one of a set of tests for electric cables included in the AS 1660 series. Details of the whole series are given in an Appendix.

In the preparation of the Standard, consideration was given to IEC 811:1985, Common test methods for insulating and sheathing materials of electric cables, Part 1: Method for general application. Acknowledgment is made for the assistance received from this source.

This Standard differs from the 1986 edition as follows:

- (a) It does not include all Clauses in AS 1660.2—1986.
- (b) Measurement of thickness of fibrous bedding or serving has been deleted.
- (c) The pH value of water extract of glass fibre has been deleted.
- (d) The preparation of test pieces for the gravimetric water absorption test has been amended.
- (e) Tolerances have been added.
- (f) Appendix A has been added.

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