

# INTERNATIONAL STANDARD

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## Heat shrinkable moulded shapes –

### Part 1: Definitions and general requirements

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# INTERNATIONAL ELECTROTECHNICAL COMMISSION

## HEAT SHRINKABLE MOULDED SHAPES –

### Part 1: Definitions and general requirements

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The text of this standard is based on the following documents:

FDIS	Report on voting
15/233/FDIS	15/262/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

## INTRODUCTION

This standard is one of a series which deals with heat shrinkable moulded shapes for electrical insulation purposes. The series will consist of three parts:

- Part 1: Definitions and general requirements
- Part 2: Methods of test
- Part 3: Specification requirements for shape dimensions, material requirements and compatibility performance

## HEAT SHRINKABLE MOULDED SHAPES –

### Part 1: Definitions and general requirements

#### 1 Scope

This standard is applicable to heat shrinkable moulded shapes in a range of configurations and materials suitable for insulation, environmental sealing, mechanical protection and strain relief for connector/cable terminations and multi-way transitions. It specifies the design and dimensions, test methods, material requirements and compatibility performance. The most commonly available shapes are as shown in Annex A.

Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application should be based on the actual requirements necessary for adequate performance in that application and not based on this specification alone.

#### 2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60050(212):1990, *International Electrotechnical Vocabulary – Chapter 212: Insulating solids, liquids and gases*

IEC 62329-2: *Heat shrinkable moulded shapes – Part 2: Methods of test*<sup>1</sup>

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<sup>1</sup> To be published