

## **Heat shrinkable moulded shapes Part 1: Definitions and general requirements**

Heat shrinkable moulded shapes Part 1: Definitions  
and general requirements

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 62329-1:2006 sisaldab Euroopa standardi EN 62329-1:2006 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 13.04.2006 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 62329-1:2006 consists of the English text of the European standard EN 62329-1:2006.</p> <p>This document is endorsed on 13.04.2006 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p><b>Käsitlusala:</b> 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.</p>	<p><b>Scope:</b> 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.</p>
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**Võtmesõnad:**

**Heat shrinkable moulded shapes**  
**Part 1: Definitions and general requirements**  
(IEC 62329-1:2005)

Gaines thermorétractables  
Partie 1: Définitions  
et prescriptions générales  
(CEI 62329-1:2005)

Wärmeschrumpfende Formteile  
Teil 1: Begriffe  
und allgemeine Anforderungen  
(IEC 62329-1:2005)

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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**

## Foreword

The text of document 15/233/FDIS, future edition 1 of IEC 62329-1, prepared by IEC TC 15, Standards on specifications for electrical insulating materials, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62329-1 on 2006-02-01.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2006-11-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2009-02-01

This European Standard makes reference to International Standards. Where the International Standard referred to has been endorsed as a European Standard or a home-grown European Standard exists, this European Standard shall be applied instead. Pertinent information can be found on the CENELEC web site.

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### Endorsement notice

The text of the International Standard IEC 62329-1:2005 was approved by CENELEC as a European Standard without any modification.

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# INTERNATIONAL STANDARD

**IEC**  
**62329-1**

First edition  
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## Heat shrinkable moulded shapes –

### Part 1: Definitions and general requirements

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**Part 1:  
Definitions and general requirements**



Reference number  
IEC 62329-1:2005(E)

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**HEAT SHRINKABLE MOULDED SHAPES –**

**Part 1: Definitions and general requirements**

FOREWORD

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This International Standard has been prepared by IEC technical committee 15: Standards on specifications for electrical insulating materials.

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.

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## 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

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## 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>

#### 3 Terms and definitions

For the purposes of this document, the terms and definitions of the International Electrotechnical Vocabulary IEC 60050-212, Section 1 (Terms relating to electrical properties), apply as well as the following:

##### 3.1

##### **central value**

the middle result of an odd number of measurements or the mean of the two middle results of an even number of measurements when arranged in order of magnitude

##### 3.2

##### **consignment**

all shapes of one size, type, grade and colour submitted for delivery at the same time

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<sup>1</sup> To be published