Irish Standard
I.S. EN 62329-3-101:2010

Heat-shrinkable moulded shapes -- Part 3: Specification requirements for shape dimensions, material requirements and compatibility performance -- Sheet 101: Heat-shrinkable moulded shapes, polyolefin, semi-rigid, limited fire hazard, material requirements and system performance (IEC 62329-3 -101:2010 (EQV))

I.S. EN 62329-3-101:2010

Incorporating amendments/corrigenda issued since publication:

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EUROPEAN STANDARD

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EN 62329-3-101

September 2010

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English version

Heat-shrinkable moulded shapes - Part 3: Specification requirements for shape dimensions, material requirements and compatibility performance - Sheet 101: Heat-shrinkable moulded shapes, polyolefin, semi-rigid, limited fire hazard, material requirements and system performance

(IEC 62329-3-101:2010)

Profilés thermorétractables -
Partie 3: Exigences relatives
aux dimensions des profilés, exigences
de matériaux et performances
de compatibilité -
Feuille 101: Profilés thermorétractables,
exigences relatives aux matériaux
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de feu limité et performances du système
(CEI 62329-3-101:2010)

Wärmeschrumpfende Formteile -
Teil 3: Anforderungen für Formteilmaße,
Materialeigenschaften
und Kompatibilitätsverhalten -
Blatt 101: Wärmeschrumpfende Formteile
aus Polyolefin, halbsteif, flammwidrig,
Materialanforderungen
und Systemeigenschaften
(IEC 62329-3-101:2010)

This European Standard was approved by CENELEC on 2010-09-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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CENELEC

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

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Ref. No. EN 62329-3-101:2010 E

Foreword

The text of document 15/569/FDIS, future edition 1 of IEC 62329-3-101, prepared by IEC TC 15, Solid electrical insulating materials, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62329-3-101 on 2010-09-01.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN and CENELEC shall not be held responsible for identifying any or all such patent rights.

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)	2011-06-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2013-09-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62329-3-101:2010 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 60684-3-216 NOTE Harmonized as EN 60684-3-216.

Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

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.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Publication	Year	Title	EN/HD	Year
IEC 60695-11-10	-	Fire hazard testing - Part 11-10: Test flames - 50 W horizontal and vertical flame test methods	EN 60695-11-10	-
IEC 60757	1983	Code for designation of colours	HD 457 S1	1985
IEC 62329-1	-	Heat shrinkable moulded shapes - Part 1: Definitions and general requirements	EN 62329-1	-
IEC 62329-2	2006	Heat shrinkable moulded shapes - Part 2: Methods of test	EN 62329-2	2006
IEC 62329-3-100	2010	Heat-shrinkable moulded shapes - Part 3: Specification requirements for shape dimensions, material requirements and compatibility performance - Sheet 100: Heat-shrinkable moulded shape dimensions	EN 62329-3-100	2010
ISO 1817	2005	Rubber, vulcanized - Determination of the effect of liquids	-	-

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FOREWORD

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International Standard IEC 62329-3-101 has been prepared by IEC technical committee 15: Solid electrical insulating materials.

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

FDIS	Report on voting
15/569/FDIS	15/589/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.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all the parts in the IEC 62329 series, under the general title *Heat-shrinkable moulded shapes*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability 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.

INTRODUCTION

This International Standard is one of a series that deals with heat-shrinkable moulded shapes for electrical purposes.

The series consists of three parts:

Part 1: Definitions and general requirements (IEC 62329-1)

Part 2: Methods of test (IEC 62329-2)

Part 3: Specification requirements for moulded shape dimensions, material requirements and compatibility performance (IEC 62329-3)

This standard gives one of the sheets comprising Part 3 as follows:

Sheet 101: Heat-shrinkable moulded shapes, polyolefin, semi-rigid, limited fire hazard, material requirements and system performance

NOTE See IEC 62329-3-100 for moulded shape dimensions.

HEAT-SHRINKABLE MOULDED SHAPES –

Part 3: Specification requirements for shape dimensions, material requirements and compatibility performance – Sheet 101: Heat-shrinkable moulded shapes, polyolefin, semi-rigid, limited fire hazard, material requirements and system performance

1 Scope

This sheet of IEC 62329-3 gives the requirements for heat-shrinkable moulded shapes, polyolefin, semi-rigid, limited fire hazard, material requirements and system performance.

Experience of product performance indicates that this moulded shape material is suitable for inclusion in systems for operation in the following temperature range: –30 °C to + 105 °C.

The moulded shapes may be supplied with a pre-coated adhesive. Refer to the manufacturers/suppliers for options. A guide to adhesive compatibility is given in Annex A.

These moulded shapes are normally supplied in the styles and dimensions given in IEC 62329-3-100. The colour is normally black.

Styles and dimensions other than those specifically listed in IEC 62329-3-100 may be available as custom items. These items shall be considered to comply with this standard if they comply with the property requirements listed in Table 1 with the exception of dimensions.

Materials that 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 60695-11-10, *Fire hazard testing – Part 11-10: Test flames – 50 W horizontal and vertical flame test methods*

IEC 62329-1, *Heat-shrinkable moulded shapes – Part 1: Definitions and general requirements*

IEC 62329-2:2006, *Heat-shrinkable moulded shapes – Part 2: Methods of test*

IEC 62329-3-100:2010, *Heat-shrinkable moulded shapes – Part 3: Specification requirements for shape dimensions, material requirements and compatibility performance – Sheet 100: Heat-shrinkable moulded shape dimensions*

IEC 60757:1983, *Code for designation of colours*

ISO 1817: 2005, *Rubber, vulcanized - Determination of the effect of liquids*