Heat shrinkable low and medium voltage moulded shapes - Part 2: Methods of test

EESTI STANDARDIKESKUS
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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN IEC 62677-2:2018 sisaldab Euroopa standardi EN IEC 62677-2:2018 ingliskeelset teksti.	This Estonian standard EVS-EN IEC 62677-2:2018 consists of the English text of the European standard EN IEC 62677-2:2018.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 02.02.2018.	Date of Availability of the European standard is 02.02.2018.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

ICS 29.035.01, 29.035.20

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 62677-2

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English Version

Heat shrinkable low and medium voltage moulded shapes - Part 2 Methods of test (IEC 62677-2:2017)

Profilés thermorétractables basse et moyenne tensions - Partie 2: Méthodes d'essai (IEC 62677-2:2017)

Wärmeschrumpfende Nieder- und Mittelspannungsformteile - Teil 2: Prüfverfahren (IEC 62677-2:2017)

This European Standard was approved by CENELEC on 2017-11-15. 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.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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

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Ref. No. EN IEC 62677-2:2018 E

European foreword

The text of document 15/807/FDIS, future edition 1 of IEC 62677-2, prepared by IEC/TC 15 "Solid electrical insulating materials", was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62677-2:2018.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2018-08-15
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2020-11-15

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

Endorsement notice

The text of the International Standard IEC 62677-2:2017 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 62677-1	NOTE	Harmonized as EN IEC 62677-1.

Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

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

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 60212	2010	Standard conditions for use prior to and during the testing of solid electrical insulating materials	EN 60212	2011
IEC 60216-4-1	2006	Electrical insulating materials - Thermal endurance properties -- Part 4-1: Ageing ovens - Single-chamber ovens	EN 60216-4-1	2006
IEC 60216-4-2	2000	Electrical insulating materials - Thermal endurance properties -- Part 4-2: Ageing ovens - Precision ovens for use up to 300 °C	EN 60216-4-2	2000
IEC 60243-1	2013	Electric strength of insulating materials -Test methods -- Part 1: Tests at power frequencies	EN 60243-1	2013
IEC 60250	1969	Recommended methods for the determination of the permittivity and dielectric dissipation factor of electrical insulating materials at power, audio and radio frequencies including metre wavelengths		-
IEC 60587	2007	Electrical insulating materials used under severe ambient conditions - Test methods for evaluating resistance to tracking and erosion	EN 60587	2007
IEC 60695-11-2	2013	Fire hazard testing -- Part 11-2: Test flames - 1 kW nominal premixed flame: Apparatus, confirmatory test arrangement and guidance	EN 60695-11-2	2014
IEC 60695-11-10	2013	Fire hazard testing -- Part 11-10: Test flames - 50 W horizontal and vertical flame test methods	EN 60695-11-10	2013
IEC 62631-3-1	2016	Dielectric and resistive properties of solid insulating materials - Part 3-1 Determination of resistive properties (DC methods) - Volume resistance and volume resistivity, general method	EN 62631-3-1	2016
IEC 62677-3	series	Heat-shrinkable low and medium voltage-moulded shapes - Part 3: Specification for individual materials		series
ISO 62	2008	Plastics - Determination of water absorption	EN ISO 62	2008

ISO 846	1997	Plastics - Evaluation of the action of microorganisms	EN ISO 846	1997
ISO 4892-3	2016	Plastics - Methods of exposure to laboratory light sources - Part 3: Fluorescent UV lamps	EN ISO 4892-3	2016
ISO 11357-3	2011	Plastics - Differential scanning calorimetry (DSC) - Part 3: Determination of temperature and enthalpy of melting and crystallization	EN ISO 11357-3	2013
ISO 11358-1	2014	Plastics - Thermogravimetry (TG) of polymers - Part 1: General principles	EN ISO 11358-1	2014

CONTENTS

INTRODUCTION

This part of IEC 62677 is one of a series which deals with heat shrinkable low and medium voltage moulded shapes. The series consists of three parts:

Part 1: General requirements (IEC 62677-1[1])

Part 2: Methods of test (IEC 62677-2)

Part 3: Material requirements (IEC 62677-3-101[2], IEC 62677-3-102[3] and IEC 62677-3-103[4])

[1] Under preparation. Stage at the time of publication: IEC RFDIS IEC 62677-1:2017.

[2] Under preparation. Stage at the time of publication: IEC AFDIS IEC 62677-3-101:2017.

[3] Under preparation. Stage at the time of publication: IEC AFDIS IEC 62677-3-102:2017.

[4] Under preparation. Stage at the time of publication: IEC ACDV IEC 62677-3-103:2017.