



SLOVENSKI STANDARD

SIST EN 62788-1-5:2017

01-februar-2017

**Merilni postopki za materiale, uporabljene v fotonapetostnih modulih - 1-5. del:
Enkapsulanti - Merjenje sprememb linearnih dimenzij plošč materiala za
enkapsulacijo zaradi toplotnih pogojev**

Measurement procedures for materials used in photovoltaic modules - Part 1-5:
Encapsulants - Measurement of change in linear dimensions of sheet encapsulation
material resulting from applied thermal conditions

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ICS:

17.040.01	Linearne in kotne meritve na splošno	Linear and angular measurements in general
27.160	Sončna energija	Solar energy engineering

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EUROPEAN STANDARD

EN 62788-1-5

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2016

ICS 27.160

English Version

Measurement procedures for materials used in photovoltaic modules - Part 1-5: Encapsulants - Measurement of change in linear dimensions of sheet encapsulation material resulting from applied thermal conditions
(IEC 62788-1-5:2016)

Procédures de mesure des matériaux utilisés dans les modules photovoltaïques - Partie 1-5: Encapsulants - Mesurage de la variation des dimensions linéaires des matériaux d'encapsulation en couches minces résultant des conditions thermiques appliquées
(IEC 62788-1-5:2016)

Messverfahren für Werkstoffe, die in Photovoltaikmodulen verwendet werden - Teil 1-5: Verkapselungsstoffe - Messung der linearen Längenänderung von Verkapselungsstoffen in Folienform aufgrund der angewendeten thermischen Bedingungen
(IEC 62788-1-5:2016)

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 62788-1-5:2016**European foreword**

The text of document 82/1114/FDIS, future edition 1 of IEC 62788-1-5, prepared by IEC/TC 82 "Solar photovoltaic energy systems" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62788-1-5:2016.

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) 2017-06-09
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2019-12-09

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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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60216-4-1	-	Electrical insulating materials - Thermal endurance properties -- Part 4-1: Ageing ovens - Single-chamber ovens	EN 60216-4-1	-
ISO 291	-	Plastics - Standard atmospheres for conditioning and testing	EN ISO 291	2008
ISO 11357-2	-		EN ISO 11357-2	2014
ISO 11357-3	-		EN ISO 11357-3	2013
ISO/IEC 17025	2005	General requirements for the competence of testing and calibration laboratories	-	-
ASTM C778-06	-	Standard Specification for Standard Sand	-	-

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INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Measurement procedures for materials used in photovoltaic modules –
Part 1-5: Encapsulants – Measurement of change in linear dimensions of sheet
encapsulation material resulting from applied thermal conditions**

**Procédures de mesure des matériaux utilisés dans les modules
photovoltaïques –
Partie 1-5: Encapsulants – Mesurage de la variation des dimensions linéaires
des matériaux d'encapsulation en couches minces résultant des conditions
thermiques appliquées**

INTERNATIONAL
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**MEASUREMENT PROCEDURES FOR MATERIALS
USED IN PHOTOVOLTAIC MODULES –**
**Part 1-5: Encapsulants –
Measurement of change in linear dimensions of sheet
encapsulation material resulting from applied thermal conditions**

FOREWORD

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International Standard IEC 62788-1-5 has been prepared by IEC technical committee 82: Solar photovoltaic energy systems.

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

FDIS	Report on voting
82/1114/FDIS	82/1134/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.