

<b>STN</b>	<b>Skúšobné metódy na elektrotechnické materiály, dosky s plošnými spojmi a iné spájacie štruktúry a zostavy</b> <b>Časť 2-801: Skúška tepelnej vodivosti základných materiálov</b>	<b>STN</b> <b>EN IEC</b> <b>61189-2-801</b>  34 6513
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Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 2-801: Thermal conductivity test for base materials

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

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EUROPEAN STANDARD

**EN IEC 61189-2-801**

NORME EUROPÉENNE

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Test methods for electrical materials, printed boards and other  
interconnection structures and assemblies - Part 2-801: Thermal  
conductivity test for base materials  
(IEC 61189-2-801:2023)

Méthodes d'essai pour les matériaux électriques, les cartes  
imprimées et autres structures d'interconnexion et  
ensembles - Partie 2-801: Essai de conductivité thermique  
pour matériaux de base  
(IEC 61189-2-801:2023)

Prüfverfahren für Elektromaterialien, Leiterplatten und  
andere Verbindungsstrukturen und Baugruppen - Teil 2-  
801: Prüfung der thermischen Leitfähigkeit für  
Grundwerkstoffe  
(IEC 61189-2-801:2023)

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**EN IEC 61189-2-801:2023 (E)****European foreword**

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# IEC 61189-2-801

Edition 1.0 2023-07

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE



**Test methods for electrical materials, printed boards and other interconnection structures and assemblies –  
Part 2-801: Thermal conductivity test for base materials**

**Méthodes d'essai pour les matériaux électriques, les cartes imprimées et autres structures d'interconnexion et ensembles –  
Partie 2-801: Essai de conductivité thermique pour matériaux de base**



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IEC 61189-2-801

Edition 1.0 2023-07

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Part 2-801: Thermal conductivity test for base materials**

**Méthodes d'essai pour les matériaux électriques, les cartes imprimées et autres structures d'interconnexion et ensembles –  
Partie 2-801: Essai de conductivité thermique pour matériaux de base**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**TEST METHODS FOR ELECTRICAL MATERIALS, PRINTED BOARDS AND  
OTHER INTERCONNECTION STRUCTURES AND ASSEMBLIES –****Part 2-801: Thermal conductivity test for base materials**

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The text of this International Standard is based on the following documents:

Draft	Report on voting
91/1757/CDV	91/1862/RVC

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

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/standardsdev/publications](http://www.iec.ch/standardsdev/publications).

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# TEST METHODS FOR ELECTRICAL MATERIALS, PRINTED BOARDS AND OTHER INTERCONNECTION STRUCTURES AND ASSEMBLIES –

## Part 2-801: Thermal conductivity test for base materials

### 1 Scope

This part of IEC 61189 defines a test method to be followed for thermal performance via carbon ink heating. The method employs a screened-on pattern of carbon ink used to determine the thermal performance of a dielectric layer on a metal base plate.

### 2 Normative references

There are no normative references in this document.

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