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## IEC 61249-4-12:2005 Materials for printed boards and other interconnecting structures - Part 4-12: Sectional specification set for prepreg materials, unclad - Non-halogenated multifunctional epoxide woven E-glass prepreg of defined flammability

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### Abbreviation

IEC 61249-4-12:2005

### Version

Edition 1.0

### Valid from

05/09/2005

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### Information provider

International Electrotechnical Commission

### Author

International Electrotechnical Commission

### Information type

IEC Standard

### Format

PDF

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### Cited By

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### Description

This part of IEC 61249 gives requirements for properties of prepreg that is mainly intended to be used as bonding sheets in connection with laminates according IEC 61249-2-7 when manufacturing multilayer boards in conformity with IEC 62326-4. This material may be also used to bond other types of laminates. Prepreg according to this standard is of defined flammability (vertical burning test).

The flammability rating on fully cured prepreg is achieved through the use of brominated fire retardants contained as an integral part of the polymeric structure. After lamination according to the supplier's instructions, the glass transition temperature is defined to be 150° C minimum.

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