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IEC 61249-4-1:2008 Materials for printed boards and other interconnecting structures - Part 4-1: Sectional specification set for prepreg materials, unclad (for the manufacture of multilayer boards) - Epoxide woven E-glass prepreg of defined flammability

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Abbreviation
IEC 61249-4-1:2008
Version
Edition 1.0
Valid from
30/01/2008

Information provider
International Electrotechnical Commission
Author
International Electrotechnical Commission
Information type
IEC Standard
Format
PDF

Cited By
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Description

IEC 61249-4-1:2008 gives requirements for properties of prepreg that is mainly intended to be used as bonding sheets in connection with laminates according to IEC 61249-2-7 when manufacturing multilayer boards in line 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 as being 120 °C minimum.

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