

JIS

JAPANESE INDUSTRIAL STANDARD

Prepreg for multilayer printed wiring boards —Epoxy resin-impregnated glass cloth

JIS C 6522—1996

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by

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1. Scope This Japanese Industrial Standard specifies prepreg of epoxy resin-impregnated glass cloth for multilayer printed wiring boards (hereafter referred to as “prepreg”).

Remarks 1. The following standards are cited in this Standard:

JIS C 5603 Terms and definitions for printed circuits

JIS C 6486 Thin copper-clad laminates for multilayer printed wiring boards – Glass fabric base, epoxy resin

JIS C 6520 General rules of prepreg for multilayer printed wiring boards

JIS C 6521 Test methods of prepreg for multilayer printed wiring boards

2. The International Standard corresponding to this Standard is given below.

IEC 249-3-1 (1981) Base materials for printed circuits. Part 3: Special materials used in connection with printed circuits, Specification No. 1: Prepreg for use as bonding sheet material in the fabrication of multilayer printed boards

2. Definitions For the purpose of this Standard the definitions specified in JIS C 5603 and JIS C 6520 apply.

3. Type designation

3.1 Structure of type designation The type designation shall be structured by arranging the symbols as follows:

[Symbol for prepreg]	[Hyphen]	[Symbol for base material and binder]	[Symbol for character- istics]	[Symbol for thickness after molding]	[Symbol for resin flow]
[3.2.1]		[3.2.2]	[3.2.3]	[3.2.4]	[3.2.5]
Example: P	–	GE	4F	08	35

3.2 Symbols

3.2.1 Prepreg The symbol denoting prepreg shall be an English capital letter P, based on the provision of 3.2.1 in JIS C 6520.

3.2.2 Base material and binder The symbol denoting base material and binder shall be the English capital letters GE which denote the epoxy resin-impregnated glass cloth, based on the provisions of 3.2.2 in JIS C 6520.

3.2.3 Characteristics The symbol denoting characteristics shall be 4 or 4F based on 3.2.3 in JIS C 6520, as given in Table 1.