



JAPANESE
INDUSTRIAL
STANDARD

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Japanese Standards Association

JIS C 6523 : 1995

**Prepreg for multilayer printed wiring
boards—Modified or unmodified
polyimide resin impregnated glass
cloth**

ICS 31. 180 ; 83. 080. 20

Descriptors : printed-circuit bases, glass, thermoplastic polymers, substrates
(insulating)

Reference number : JIS C 6523 : 1995 (E)

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In the event of any doubts arising as to the contents,
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Printed in Japan

Prepreg for multilayer printed wiring boards
—Modified or unmodified polyimide resin impregnated glass cloth

1 Scope This Japanese Industrial Standard specifies prepreg of modified or unmodified polyimide resin impregnated glass cloth for multilayer printed wiring boards (hereafter referred to as "prepreg").

Remarks: The following standards are cited in this Standard:

JIS C 5603 *Terms and definitions for printed circuits*

JIS C 6493 *Thin copper-clad laminates for multilayer printed wiring boards – Glass fabric base, modified or unmodified polyimide 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 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 denoting prepreg]	[Hyphen]	[Symbol denoting base material and binder]	[Symbol denoting character- istics]	[Symbol denoting thickness after molding]	[Symbol denoting resin flow]
[3.2.1]		[3.2.2]	[3.2.3]	[3.2.4]	[3.2.5]
Example: P	–	GI	1F	08	10

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 GI which denote the modified or unmodified polyimide resin impregnated glass cloth, based on the provision of 3.2.2 in JIS C 6520.

3.2.3 Characteristics The symbol denoting characteristics shall be 1 or 1F (unmodified), 2 or 2F (modified) based on the provision of 3.2.3 in JIS C 6520 (see Table 1).