

## Fr4 86 Uv Block

*UV BLOCK FR-4-86 - iconicpcb.com*

*Fr4 86 Uv Block UV BLOCK FR-4-86 - PragoBoard Data sheet*

*FR-4-86 UV BLOCK FR-4-86 UV BLOCK FR-4-86 - skycampus.ala.edu*

*Data Sheet / Datenblatt UV Block FR-4-86 - Technolam*

*Fr4 86 Uv Block - static-atcloud.com G10 FR4*

*Fiberglass Epoxy Composite Laminate Sheets, FR4, G 10*

*FR-4 - FR-4-86 PY - TS PCB NAN YA Plastics*

*Corporation Datasheet20140201v8-3- FR-4-86 UV BLOCK UV*

*BLOCK FR-4-86 UL746E Revision - FR-4.0 and FR-4.1 IPC-4101D*

*... FR4-86 UV BLOCK - Bernier Elektronik UV BLOCK FR-4-86 -*

*2CISA FR-4, FR-5 FR-4-86 UV BLOCK - RICHTER*

*Leiterplatten Fr4 86 Uv Block - s2.kora.com*

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G10 FR-4 GLASS EPOXY COMPOSITE LAMINATE MATERIAL. What

Is G10 Material. G-10 FR-4 is a thermosetting industrial fibre

glass composite laminate consisting of a continuous filament

glass cloth material with an epoxy resin binder. This product,

first introduced in the 1950's, has characteristics of high

strength, low moisture absorption, excellent electrical properties

and chemical resistance.

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FR-4-86 UV BLOCK LAMINATE DATA SHEET PREPREG DATA

SHEET rating 2.5.6.2 3.9.1.3 3.11.1.3 MΩ 2.5.17.1 3.11.1.4

Prepreg Requirements Typical Value N/mm<sup>2</sup> [lb/in<sup>2</sup>] 2.4.4

Flexural Strength at Elevated Temperature, length direction,

minimum Specification CAF Resistance copper foil - all copper

foil >17µm [0,669 mil] MΩ-cm 2.5.17.1 3.10.1.12 ...

[UV BLOCK FR-4-86 - PragoBoard](#)

Data Sheet / Datenblatt UV Block FR-4-86 Rev. Feb.19 3/4

Performance List / Leistungsspektrum 2/2 Performance List 1. to

14. follows IPC-4101 template for specification sheets and shows

minimum or maximum properties expectable. This overview

covers all laminate thicknesses and claddings, therefore actual

values are typically better.

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## Data sheet FR-4-86 UV BLOCK

UV BLOCK FR-4-86 FEATURES High luminance of epoxy contrast with copper for laser High performance epoxy blended to achieve higher heat type A.O.I. resistance than that of FR-4-86 UV solder mask may be applied simultaneously to Thickness 0.8mm capability. increase yields. IPC-4101E L21 PERFORMANCE LIST

## FR-4-86 UV BLOCK FR-4-86 UV BLOCK

UV BLOCK FR-4-86 FEATURES x High luminance of epoxy contrast with copper for laser x High performance epoxy blended to achieve higher heat type A.O.I. resistance than that of FR-4-86 x UV solder mask may be applied simultaneously to x Thickness 0.8mm capability. increase yields. PERFORMANCE LIST

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FR-4 (or FR4) is a NEMA grade designation for glass-reinforced epoxy laminate material. FR-4 is a composite material composed of woven fiberglass cloth with an epoxy resin binder that is flame resistant (self-extinguishing). "FR" stands for flame retardant, and does not denote that the material complies with the standard UL94V-0 unless testing is performed to UL 94, Vertical Flame testing in ...

## Data Sheet / Datenblatt UV Block FR-4-86 - Technolam

UV BLOCK FR-4-86 FEATURES High luminance of epoxy contrast with copper for laser High performance epoxy blended to achieve higher heat type A.O.I. resistance than that of FR-4-86 UV solder mask may be applied simultaneously to Thickness 0.8mm capability. increase yields. PERFORMANCE LIST

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## G10 FR4 Fiberglass Epoxy Composite Laminate Sheets, FR4, G

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## 10

IPC . Specification Sheet. 21 \*) 97 \*) 98 \*) 99. 101. 121. 126.  
127. 128. 130. Tg [°C] ≥ 110 ≥ 110 ≥ 150 ≥ 150 ≥ 110 ≥ 110 ≥  
170 ≥ 110 ≥ 150 ...

□□□□□□□□□□ FR-4 - □□□□  
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## FR-4-86 PY - TS PCB

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## NAN YA Plastics Corporation Datasheet20140201v8-3-

NAN YA SPECIFICATION SHEET FOR FR-4-86 PY - High CTI  
medium Tg Epoxy Laminates LAMINATE DATA SHEET IPC-4101 /  
21 Dicy UL/ANSI: FR-4 / ---N/A RoHS compliant Bromine, UL94 V-0  
ppm/°C ppm/°C minutes pass visual Specification ≥ 0,50 mm  
[0,0197 in] 40% RC Thermal Resistance: Time to Delamination  
Pressure Cooker Test - 2 hours (10 s solder dip ...

## FR-4-86 UV BLOCK

FR-4-86 UV BLOCK • Multifunktionales Basismaterial mit einem  
Tg von 140 °C (DSC) • Außergewöhnlich konstante  
Laminatqualität durch die ausschließliche Verwendung von Nan  
Ya Rohstoffen • Standard Metallisierungsprozesse führen zu  
zuverlässigen Durch- kontaktierungen und hohen Kupfer-  
Abzugskräften

## UV BLOCK FR-4-86

UV BLOCK FR-4-86 FEATURES High luminance of epoxy contrast  
with copper for laser High performance epoxy blended to  
achieve higher heat type A.O.I. resistance than that of FR-4-86  
UV solder mask may be applied simultaneously to Thickness  
0.8mm capability. increase yields. PERFORMANCE LIST

## UL746E Revision - FR-4.0 and FR-4.1 IPC-4101D ...

cataloguenan ya 2011-10-06 Glass cloth base epoxy resin NAN  
YA PLASTICS CORPORATION Flame retardant copper clad  
laminate ELECTRONIC MATERIALS DIVISION COPPER CLAD  
LAMINATE DEPARTMENT FR4-86 UV BLOCK FEATURES  
IPC-4101CL21 specification applicablePERFORMANCE LIST

# Download Ebook Fr4 86 Uv Block

Characteristics Unit Conditioning Test Method Spec. Typical values Volumeresistivity C-96/35/90 02/05/17 Surface resistivity C-24/23 ...

## FR4-86 UV BLOCK - Bernier Elektronik

Excellent electrical, chemical and heat resistance proper- Other properties are similar to FR-4-86. ties PERFORMANCE LIST Characteristics Unit Conditioning Typical Values SPEC Test Method Volume resistivity MΩ-cm C-96/35/90 5.0x 10<sup>8</sup> ~ 5.0 x 10<sup>9</sup> 5 x 10<sup>6</sup> 2.5.17 Surface resistivity MΩ C-96/35/90 5.0x 10<sup>6</sup> ~ 5.0 x 10<sup>7</sup> 105 2.5.17

## UV BLOCK FR-4-86 - 2CISA

NAN YA SPECIFICATION SHEET FOR FR-4-86 UV BLOCK - Medium Tg multifunctional Epoxy Laminates LAMINATE DATA SHEET IPC-4101 / 21 UL/ANSI: FR-4 / 21 N/A RoHS compliant Bromine, UL94 V-0 2.4.24.6 Specification ≥ 0,50 mm [0,0197 in] 40% RC Thermal Resistance: Time to Delamination Pressure Cooker Test - 2 hours (10 s solder dip @ 288 °C) CAF Resistance

## FR-4, FR-5

FR4-86 UV BLOCK Characteristics Unit Conditioning Test Method Spec. Typical values ELECTRICAL PROPRIETY Permittivity 1 Mhz Volume resistivity MΩ-cm C-96/35/90 02/05/17 10<sup>6</sup> ↑ 5.0x10<sup>8</sup> - 5.0x10<sup>9</sup> Surface resistivity MΩ 10 ↑ 5.0x10<sup>6</sup> - 5.0x10<sup>7</sup> - C-24/23/50 ...

## FR-4-86 UV BLOCK - RICHTER Leiterplatten

FR4-86 UV BLOCK Characteristics Unit Conditioning Test Method Spec. Typical values ELECTRICAL PROPRIETY Permittivity 1 Mhz Volume resistivity MΩ-cm C-96/35/90 02/05/17 10<sup>6</sup> ↑ 5.0x10<sup>8</sup> - 5.0x10<sup>9</sup> Surface resistivity MΩ 10 ↑ 5.0x10<sup>6</sup> - 5.0x10<sup>7</sup> -

## Fr4 86 Uv Block - s2.kora.com

FR-4-86 UV Block: Tg135°C>200" 2.0.8~1.6mm:

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