

# SHANGHAI NANYA FR-4 Copper Clad Laminates UL fishes

QMTS2

April 25, 2001

Polymeric Materials - Filament-wound Tubing, Industrial Laminates, Vulcanized Fiber, and Materials for Use in Fabricating Recognized Printed Wiring Boards - Component

SHANGHAI NANYA COPPER CLAD LAMINATES CO LTD  
158 CHANGXIANG RD NANXIANG, 210802 SHANGHAI CHINA

E213990

| Mil Dwg      | ANSI Type | Prepreg | Col | ULM Flame Class | TI  | Mech | H W A I | H H A I | H V T R | C T I | Meets UL746 DSR |
|--------------|-----------|---------|-----|-----------------|-----|------|---------|---------|---------|-------|-----------------|
| SN-L1, SN-L2 | FR-4      | —       | YL  | 94V-0           | 130 | 130  | 0 3 2 3 | 0 3 2 3 | 2 3     | 3     | Yes             |
| SN-L1, SN-L2 | FR-4      | —       | YL  | 94V-0           | 130 | 130  | 0 3 2 3 | 0 2 0 3 | 0 3     | 3     | Yes             |

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Card 1 of 4

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| Lam            | ANSI Type | Prepreg | Col | Min Thk (mm) | In. (0.002)   | Min Thk (Mils) (0.05) | TI            | Elec. Meth       |
|----------------|-----------|---------|-----|--------------|---------------|-----------------------|---------------|------------------|
| SN-P1, SN-P2   | FR-4      | —       | YL  | 0.002        | 0.002         | 0.05                  | 17            | 68               |
| Metal Clad Lam |           |         |     | Min Thk (mm) | Max Area (mm) | Min Thk (Mils)        | Max Area (mm) | UL94 Flame Class |
|                |           |         |     | 0.002        | 2.0           | 0.07                  | 2.08          | 541-0            |
|                |           |         |     | 0.002        | 2.0           | 0.07                  | 2.08          | 541-0            |

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Card 2 of 4

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| Clad Mil Dwg | ANSI Type | Prepreg | Col | ULM Flame Class | TI  | Mech | H W A I | H H A I | H V T R | C T I | Meets UL746 DSR |
|--------------|-----------|---------|-----|-----------------|-----|------|---------|---------|---------|-------|-----------------|
| SN-L1, SN-L4 | FR-4      | —       | YL  | 94V-0           | 130 | 130  | 0 3 2 3 | 0 3 2 3 | 2 3     | 3     | Yes             |

Marking: Company name and material designation.

See General Information Preceding These Recognitions

5/10/2001

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Card 3 of 4

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For use only in equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

5/10/2001

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Card 4 of 4