

SHANGHAI NANYA FR-4 Copper Clad Laminates UL fishes

QMTS2

April 25, 2001

Polymetric 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

E213990

Mat Dsg	ANSI Type	Col	Min Tsk		UL-94 Flame	TI		Mech		H		C T	Meets UL-7ME DGR
			In.	mm		Elec	Mech	W	A	V	R		
Industrial laminates, furnished in sheet, rod or tube form.													
SN-4.1, SN-4.2	FR-4	NC, YL	0.015	(0.38)	94V-0	130	130	0	3	2	3	Yes	
			0.025	(0.63)	94V-0	130	130	0	3	2	3	Yes	
			0.055	(1.40)	94V-0	130	130	0	2	0	3	Yes	

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

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Lam	Mtl Dwg	Prepreg	ANSI Type FR-4	Col NC YL	Min Thk In. 0.002	(Mils) (0.05)	Elct	Mech	TI
SN-P1, SN-P2		—					120	—	

Metal Clad Lam	Mtl Dwg	Thk		Max Area		Solid Lin Temp C	Time Sec	UL94 Flame Class	Max Oper Temp
		Min Thk (mm)	Min Mils (Mils)	In. (mm)	Sq (in ²)				
SN-L1, SN-L2		0.002 (0.05)	0.002 (0.05)	2.0 (50.8)	2.0 (50.8)	288	20	54V-0	130

Ultrahin industrial laminates with copper on one or both sides and prepregs for use in multilayer printed wiring boards where thickness is built up to at least 0.025 in. (0.63 mm).

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Clad Matl Dwg	ANSI Type	Base Metl		Clad Const			Max Area	Max Dia	Solder Temp C	Tensile Stress	Ultimate Plane Class	Max Oper Temp
		Min Thk	Max Thk	Min In.	Max In.	Min mm						
		0.63	17	1013	50.8	298	30	423.0	130			

Marking: Company name and material designation.

See General Information Preceding These Recognitions

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

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