



QMTS2.E121882

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

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BERGQUIST CO

E121882

18930 W 78TH ST

CHANHASSEN, MN 55317-9347 USA

High density interconnect - resin coated foils:

		Core		Dielectric			R.T.I.				H		
Mtl Dsg	Color	Min Thk (mm)	Max Thk (mm)	Min Thk (mic)	Max Thk (mic)	Flame Class	Elec (°C)	Mech (°C)	H W I	H A I	V T R	C T I	Meets 746E DSR
High density interconnect - resin coated foils.													
HT/MP	NC	0.40	-	165	-	V-0	130	130	-	-	-	-	-

Metal base industrial laminates:

		Metal		Dielectric			R.T.I.				H		
Mtl Dsg	Color	Min Thk (mm)		Min Thk (mic)	Max Thk (mic)	Flame Class	Elec (°C)	Mech (°C)	H W I	H A I	V T R	C T I	Meets 746E DSR
Aluminum base with Epoxy (EP) dielectric, industrial laminates, furnished as sheets.													
HIGHROAD® T30.20													
	GN	0.51		76	102	V-0	155	150	0	3	-	0	Yes
Aluminum, Copper base with Ceramic based epoxy dielectric, industrial laminates, furnished as sheets.													
HT	NC	0.25		76	-	V-0	140	140	0	0	-	-	Yes
		0.25		-	178	V-0	140	140	0	0	-	0	Yes
Aluminum, Copper base with Ceramic Based Epoxy dielectric, industrial laminates.													
LM	WT	0.50		43	43	V-0	90	90	0	4	-	-	-
		0.50		56	127	V-0	90	90	0	3	-	0	Yes
Aluminum, Copper base with Epoxy (EP) dielectric, industrial laminates, furnished as sheets.													
HPL-03015	NC	0.5		25	152	V-0	140	140	0	3	-	0	Yes
Copper, Aluminum base with Ceramic based epoxy dielectric, industrial laminates, furnished as sheets.													
HT-1	NC	0.51		76	230	V-0	140	140	3	2	-	0	Yes
Copper, Aluminum or Steel base with Ceramic Based Epoxy dielectric, industrial laminates, furnished as sheets.													
MP	NC	0.25		76	152	V-0	130	140	0	0	-	0	Yes
Copper, aluminum, steel base with Glass reinforced ceramic based epoxy dielectric, industrial laminates, furnished as sheets.													
CML	WT	0.56		152	-	V-0	130	130	0	0	0	-	-
		0.56		-	203	V-0	130	130	0	0	-	1	-

LTI	NC	0.25		76	-	V-0	130	130	0	0	-	1	-
		0.25		-	178	V-0	130	130	0	0	-	-	-

Metal clad metal base industrial laminates:

			Metal		Dielectric		Clad Cond Thk			Max		Max	Solder Lts	
Metal Clad Dsg	Lam-inate Dsg	Pre-preg Dsg	Min Thk (mm)		Min Thk (mic)	Max Thk (mic)	Min Ext (mic)	Max Ext (mic)	Max Int (mic)	Area Dia (mm)	Flame Class	Oper Temp (°C)	Temp (°C)	Time (sec)
Aluminum base with Epoxy (EP) dielectric, Metal clad industrial laminates with copper on one side only, furnished as sheets.														
HIGHROAD® T30.20														
	HR-T30.20	-	0.51		76	102	34	102	-	50.8	V-0	130	325	60
Aluminum, Copper base with Ceramic based epoxy dielectric, Metal clad industrial laminates with copper on one side only, furnished as sheets.														
HT	HT	-	0.25		76	178	33	102	-	50.8	V-0	140	300	60
Aluminum, Copper base with Ceramic Based Epoxy dielectric, Metal clad industrial laminates with copper on one side only, furnished as sheets.														
LM	LM	-	0.50		43	127	34	102	-	50.8	V-0	90	300	60
Aluminum, Copper base with Epoxy (EP) dielectric, Metal clad industrial laminates with copper on one side only, furnished as sheets.														
HPL-03015														
	HPL-03015	-	0.5		25	152	34	102	-	50.8	V-0	140	325	60
Copper, Aluminum base with Ceramic based epoxy dielectric, Metal clad industrial laminates with copper on one side only.														
HT-1	HT-1	-	0.51		76	230	33	102	-	50.8	V-0	140	325	60

Marking: Company name and material designation on container or wrapper.

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