

Standard Construction Guide

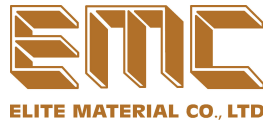
IMPORTANT NOTICE

For the remainder of 2023 Insulectro will expedite at our cost EMC EM-827i, EM-370Z, EM-528 and EM-890K for new programs.

PumaFast™ & Standards
effective 11/11/2023

If you have not been introduced to the Insulectro Portal to check inventory of these materials please work with your Insulectro TAM or ISM to sign you up today for access to this Inventory Portal.

EM-827(I)



LAMINATE

EM-827(I) LAM

Effective Date: 10/27/2023

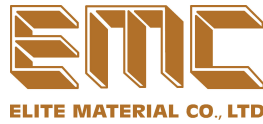
■ Pumafast ■ Standard

Grade	Thickness	Construction	Base/Overall	S1/S1	S1/SH	S2/S1	S2/S2	SH/SH
EM-827(i)	.0020	0106x1	BSE	●	●		●	●
	.0025	1067x1	BSE	●	●		●	●
	.0030	1080x1	BSE	●	●		●	●
	.0035	1037X2	BSE	●	●		●	●
		3313x1	BSE	●	●		●	●
	.0040	3313x1	BSE	●	●		●	●
	.0045	2116x1	BSE	●	●		●	●
	.0050	1080x2	BSE	●	●		●	●
		2116x1	BSE	●	●	●	●	●
	.0060	1080x2	BSE	●				
		1500x1	BSE	●	●	●	●	●
	.0070	2113x2	BSE	●	●		●	●
	.0080	2116x2	BSE	●	●		●	●
		7628x1	BSE	●	●		●	●
	.0100	2116x2	BSE	●	●		●	●
	.0120	1500x2	BSE	●	●		●	●
	.0140	7628x2	BSE	●	●	●	●	●
	.0160	7628x2	BSE	●	●		●	●
	.0180	7628x2 1080x1	BSE	●	●		●	●
	.0210	7628x3	BSE	●	●		●	●
	.0240	7628x3	BSE	●	●		●	●
	.0280	7628x4	BSE	●	●		●	●
	.0310	7628x4	BSE	●	●		●	●
	.0350A	7628x4	OVR	●	●		●	●
	.0390A	7628x5	OVR	●	●		●	●
	.0470A	7628x6	OVR	●	●		●	●
	.0490A	7628x6 2116x1	OVR	●	●		●	●
	.0590A	7628x7	OVR	●	●		●	●
		7628x8	OVR	●	●		●	●

Standard Sheet Size: 49.2 x 37.2G

Alternate sizes stocked based on usage. Please reach out to your Technical Account Manager or Inside Sales Manager for details.

EM-370(Z)



LAMINATE

EM-370(Z) LAM

Effective Date: 10/27/2023

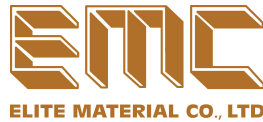
■ Standard

Grade	Thickness	Construction	Base/Overall	S1/S1	S1/SH	S2/S1	S2/S2	SH/SH
EM-370(Z)	.0020	1067x1	BSE	●	●		●	●
	.0025	1078x1	BSE	●	●	●	●	●
	.0030	1086x1	BSE	●	●		●	●
	.0035	1037x2	BSE	●	●	●	●	●
		3313x1	BSE	●	●		●	●
	.0040	0106x2	BSE	●	●	●	●	●
		3313x1	BSE	●	●		●	●
	.0042	2116x1	BSE	●	●	●	●	●
	.0045	1067x2	BSE	●	●		●	●
	.0050	1067x2	BSE	●	●		●	●
		1078x2	BSE	●	●		●	●
		2116x1	BSE	●	●	●	●	●
	.0060	1086x2	BSE	●	●	●	●	●
	.0080	3313x2	BSE	●	●		●	●
	.0100	2116x2	BSE	●	●		●	●
	.0140	7628x2	BSE	●	●		●	●
	.0150	7629x2	BSE	●	●	●	●	●
	.0210	7628x3	BSE	●	●		●	●
	.0280	7628x4	BSE	●	●		●	●
	.0590A	7628x4 7629x4	OVR	●	●		●	●

Standard Sheet Size: 49.2 x 37.2G

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EM-528



LAMINATE

EM-528 LAM

Effective Date: 10/27/2023

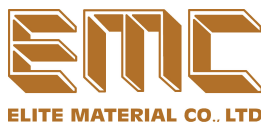
■ Standard

Grade	Thickness	Construction	Base/Overall	S1/S1	S1/SH	S2/S1	S2/S2	SH/SH
EM-528	.0020	1035x1	BSE	●	●		●	●
	.0025	1078x1	BSE	●	●		●	●
	.0030	1037x2	BSE	●	●	●	●	●
		1086x1	BSE	●	●		●	●
	.0035	1037x2	BSE	●	●	●	●	●
		1086x1	BSE	●	●		●	●
	.0040	1035x2	BSE	●	●	●	●	●
		3313x1	BSE	●	●		●	●
	.0045	1035x2	BSE	●	●		●	●
	.0050	1078x2	BSE	●	●	●	●	●
		2116x1	BSE	●				●
	.0060	1078x2	BSE	●	●	●	●	●
	.0080	3313x2	BSE	●	●		●	●
	.0120	3313x3	BSE	●	●		●	●
	.0200	2116x4	BSE	●	●		●	●
	.0210	7628x3	BSE	●	●		●	●
	.0280	7628x4	BSE	●	●		●	●

Standard Sheet Size: 49.2 x 37.2G

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EM-890



LAMINATE

EM-890 LAM

Effective Date: 10/27/2023

■Standard

Grade	Thickness	Construction	Base/Overall	S1/S1	S1/SH	S2/S2	SH/SH
EM-890	.0020	1035x1	BSE	●	●	●	●
	.0025	1078x1	BSE	●	●	●	●
	.0030	1037x2	BSE	●	●	●	●
		1078x1	BSE	●	●	●	●
	.0035	1037x2	BSE	●	●	●	●
		1078x1	BSE	●	●	●	●
	.0040	1035x2	BSE	●	●	●	●
		3313x1	BSE	●	●	●	●
	.0050	1078x2	BSE	●	●	●	●
		2116x1	BSE	●	●	●	●
	.0060	1078x2	BSE	●	●	●	●
	.0080	3313x2	BSE	●	●	●	●
	.0120	3313x3	BSE	●	●	●	●
	.0200	2116x4	BSE	●	●	●	●

Standard Sheet Size: 49.2 x 37.2G

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EM-890K

EM-890K LAM

LAMINATE

Effective Date: 10/27/2023

■Standard

Grade	Thickness	Construction	Base/Overall	S1/S1	S1/SH	S2/S2	SH/SH
EM-890K	.0020	1035x1	BSE	●	●	●	●
	.0025	1078x1	BSE	●	●	●	●
	.0030	1027x2	BSE	●	●	●	●
		1078x1	BSE	●	●	●	●
	.0035	1037x1	BSE	●	●	●	●
		1078x1	BSE	●	●	●	●
	.0040	1035x2	BSE	●	●	●	●
		3313x1	BSE	●	●	●	●
	.0045	1035x2	BSE	●	●	●	●
	.0050	1078x2	BSE	●	●	●	●
		2116x1	BSE	●	●	●	●
	.0060	1078x2	BSE	●	●	●	●
	.0080	3313x2	BSE	●	●	●	●
	.0120	3313x3	BSE	●	●	●	●
	.0200	2116x4	BSE	●	●	●	●
	.0280	2116x7	BSE	●	●	●	●

Standard Sheet Size: 49.2 x 37.2G

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EMC PREPREG

Effective Date: 10/27/2023

■ Pumafast ■ Standard

Resin System		EM-37B(Z)	EM-528B	EM-827B(I)	EM-890B	EM-89BK
Glass Style	Resin Content					
0106	72% rc%			●		
	73% rc%	●				
	74% rc%			●		
	75% rc%	●				
1027	69% rc%		●			
	71% rc%		●			
1035	73% rc%				●	●
	75% rc%		●		●	●
	77% rc%		●			●
1037	75% rc%	●	●	●		
1067	71% rc%	●				
	73% rc%	●				
	75% rc%	●				
1078	65% rc%	●				
	67% rc%	●	●		●	●
	69% rc%	●			●	●
	71% rc%				●	●
1080	62% rc%			●		
	65% rc%	●	●	●		●
	67% rc%		●			
	68% rc%			●		
	69% rc%	●				
	71% rc%	●		●		
	75% rc%	●				
1086	65% rc%			●		
	67% rc%	●				
2113	58% rc%			●		
2116	53% rc%			●		
	55% rc%	●		●		

AR-85N



LAMINATE

AR-85N LAM

Effective Date: 10/27/2023

■ Pumafast ■ Standard

Grade	Thickness	Construction	Base/Overall	C1/CQ	CH/CQ	H1/H1	H2/CQ	HH/HH	HH/HT	P1/P1	S1/S1	S1/SH	S2/S1	S2/S2	S2/SH	SH/SH
85N	.0020	0106x1	BSE		●						●	●		●		●
	.0025	1080x1	BSE								●	●		●		●
	.0028	1080x1	BSE								●	●		●		●
	.0030	1080x1	BSE						●		●	●		●		●
	.0035	0106x2	BSE								●	●		●		●
	.0040	0106x1 1080x1	BSE					●			●	●	●	●		●
	.0042	0106x1 1080x1	BSE								●	●		●	●	●
	.0045	0106x1 1080x1	BSE	●	●		●				●	●		●		●
	.0050	0106x1 2313x1	BSE			●		●			●	●	●	●		●
	.0060	0106x1 2116x1	BSE								●	●	●	●		●
	.0080	2313x1 2116x1	BSE			●					●	●		●	●	●
	.0100	1080x2 2116x1	BSE								●	●	●	●		●
	.0120	1080x1 2116x2	BSE								●	●		●		●
		1080x2 7628x1	BSE								●	●		●		●
	.0140	1080x2 2116x2	BSE								●	●		●		●
		7628x2	BSE								●	●		●		●
	.0160	1080x1 7628x2	BSE								●	●		●		●
	.0180	1080x2 7628x2	BSE							●	●	●		●		●
	.0200	1080x2 2116x3	BSE								●	●		●		●
	.0210	1080x2 2116x3	BSE								●	●		●		●
		2116x2 7628x2	BSE								●	●		●		●
	.0240	1080x2 7628x3	BSE								●	●		●		●
	.0280	0106x2 2116x2 7628x2	BSE								●	●	●	●		●
	.0310	0106x2 7628x4	BSE								●	●		●		●
	.0390	1080x2 7628x5	BSE								●	●		●		●
	.0590	1080x2 7628x8	BSE								●	●		●		●
	.0620	1080x3 7628x8	BSE								●	●		●		●
	.0930	1080x2 7628x13	BSE								●	●		●		●
	.1250	1080x2 7628x18	BSE								●	●		●		●

Standard Sheet Size: 36.5 x 48.5G

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AR-85HP



LAMINATE

AR-85HP LAM

Effective Date: 10/27/2023

■ Standard

Grade	Thickness	Construction	Base/Overall	S1/S1	S1/SH	S2/S1	S2/S2	S2/SH	SH/SH
85HP	.0025	1086x1	BSE	●	●		●		●
	.0030	1086x1	BSE	●	●		●		●
	.0033	1067x2	BSE	●	●		●		●
		1086x1	BSE	●	●		●		●
	.0035	3313x1	BSE	●	●		●		●
	.0040	1067x1 1086x1	BSE	●	●	●	●		●
		2116x1	BSE	●	●		●		●
	.0045	1067x1 1086x1	BSE	●	●		●		●
	.0050	1086x2	BSE	●	●	●	●	●	●
	.0060	1067x1 2116x1	BSE	●	●		●		●
		1086x2	BSE	●	●	●	●	●	●
	.0080	3313x1 2116x1	BSE	●	●	●	●		●
	.0100	1086x2 2116x1	BSE	●	●	●	●		●
	.0140	2116x3	BSE	●	●		●		●
	.0180	1506x3	BSE	●	●	●	●		●
	.0200	1086x1 1506x3	BSE	●	●	●	●		●
	.0390	3313x1 1506x6	BSE	●	●		●		●
	.0590	1506x10	BSE	●	●		●		●

Standard Sheet Size: 36.5 x 48.5G

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Effective Date: 10/27/2023[illegible]