



NAN YA PLASTICS CORPORATION
 ELECTRONIC MATERIALS DIVISION.
COPPER CLAD LAMINATE DEPARTMENT

**Glass cloth base epoxy resin
 flame retardant prepreg**

NO. 201, TUNG HWA N. ROAD,
 TAIPEI, TAIWAN.

NP-170B PREPREG

■ FEATURES

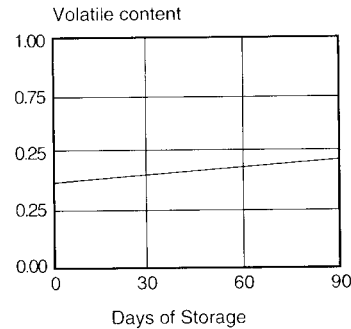
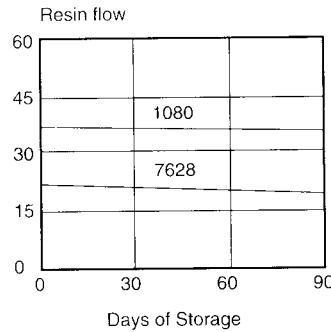
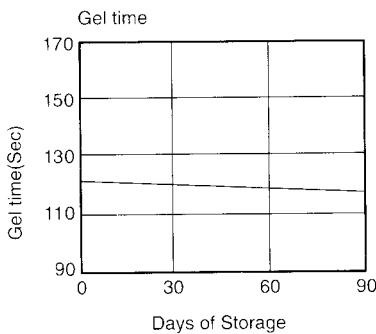
- Rheology of resin controlled to benefit the lamination of the boards.
- Multi-functional epoxy provides outstanding heat resistance, better dimensional stability, and through-hole reliability.
- Higher Tg: 170 ± 5
- Other properties are similar to standard FR-4

■ PERFORMANCE LIST

Specification: IPC-4101B is applicable

Glass style	RC%	RF%	GT sec (170)	VC%	After Pressed Thickness (per ply)	
					mm	Mil
7628HR	50 ± 3	30 ± 5	120 ± 20	0.75 ↓	0.200 ± 0.01	7.9 ± 4
7628MR	47 ± 3	25 ± 5			0.190 ± 0.01	7.5 ± 0.4
7628	43 ± 3	20 ± 5			0.180 ± 0.01	7.1 ± 0.4
1506MR	52 ± 3	30 ± 5			0.160 ± 0.01	6.3 ± 0.4
1506	48 ± 3	25 ± 5			0.150 ± 0.01	6.0 ± 0.4
2116HR	58 ± 3	36 ± 5			0.130 ± 0.01	5.0 ± 0.4
2116MR	54 ± 3	30 ± 5			0.118 ± 0.01	4.6 ± 0.4
2116	50 ± 3	25 ± 5			0.105 ± 0.01	4.1 ± 0.4
2313	55 ± 3	30 ± 5			0.090 ± 0.01	3.5 ± 0.4
2113	56 ± 3	32 ± 5			0.090 ± 0.008	3.5 ± 0.4
2112	60 ± 3	37 ± 5			0.075 ± 0.008	3.0 ± 0.3
1086	62 ± 3	38 ± 5			0.074 ± 0.008	2.9 ± 0.3
1080HR	68 ± 3	47 ± 5			0.071 ± 0.008	2.8 ± 0.3
1080MR	65 ± 3	43 ± 5			0.068 ± 0.008	2.7 ± 0.3
1080	62 ± 3	38 ± 5			0.065 ± 0.008	2.6 ± 0.3
106	68 ± 3	40 ± 5			0.053 ± 0.008	2.1 ± 0.3
* 1086	62 ± 3	38 ± 5			0.074 ± 0.008	2.9 ± 0.3
* 1067	68 ± 3	36 ± 5			0.056 ± 0.008	2.2 ± 0.3
* 1078	62 ± 3	35 ± 5			0.065 ± 0.008	2.6 ± 0.3

*Laser drillable prepreg
 Storage ability



Storage Condition : 20 , 50% RH for 3 months
 : Max 5 for 6 months

Data shown are nominal values for reference only.