

H170HF 规格书(Line-up)

基板 CCL: H170HF

半固化片 PP: H170HFPP

1、Only E-Glass Type CCL: H170HF

Core Thickness		Standard Construction	RC (%)	Dk				Df			
mil	mm			1GHz	5GHz	10GHz	15GHz	1GHz	5GHz	10GHz	15GHz
2.0	0.050	106X1	72	3.96	3.94	3.91	3.83	0.0125	0.0135	0.0140	0.0145
2.5	0.064	1067X1	71	3.98	3.96	3.93	3.85	0.0124	0.0134	0.0139	0.0144
3.0	0.076	1080X1	64	4.13	4.11	4.08	4.00	0.0117	0.0127	0.0132	0.0137
3.0	0.076	1086X1	60	4.22	4.20	4.17	4.09	0.0112	0.0124	0.0127	0.0131
3.5	0.089	3313X1	51	4.41	4.39	4.36	4.28	0.0103	0.0113	0.0118	0.0123
4.0	0.100	3113X1	55	4.33	4.31	4.28	4.20	0.0107	0.0117	0.0122	0.0128
		2116X1	47.5	4.49	4.47	4.44	4.36	0.0099	0.0109	0.0114	0.0119
4.5	0.114	2116X1	51	4.41	4.39	4.36	4.28	0.0103	0.0113	0.0118	0.0123
5.1	0.13	2116X1	55	4.33	4.31	4.28	4.20	0.0107	0.0117	0.0122	0.0128
5.9	0.15	1506X1	44	4.56	4.54	4.51	4.43	0.0096	0.0106	0.0111	0.0116
7.0	0.18	7628X1	42	4.61	4.59	4.56	4.48	0.0094	0.0104	0.0109	0.0114
8.0	0.20	7628X1	46	4.52	4.50	4.47	4.39	0.0098	0.0108	0.0113	0.0118
9.8	0.25	2116X2	55	4.33	4.31	4.28	4.20	0.0107	0.0117	0.0122	0.0128
12.2	0.31	1506X2	44	4.56	4.54	4.51	4.43	0.0096	0.0106	0.0111	0.0116
14.0	0.36	7628X2	42	4.61	4.59	4.56	4.48	0.0094	0.0104	0.0109	0.0114
15.0	0.38	7628X2	44	4.56	4.54	4.51	4.43	0.0096	0.0106	0.0111	0.0116
16.0	0.41	7628X2	46	4.52	4.50	4.47	4.39	0.0098	0.0108	0.0113	0.0118
18.0	0.46	7628X2+2116X1	43	4.59	4.57	4.54	4.46	0.0095	0.0105	0.0110	0.0115
20.0	0.51	7628X2+2116X1	45	4.54	4.52	4.49	4.41	0.0097	0.0107	0.0112	0.0117
21.0	0.53	7628X3	42	4.61	4.59	4.56	4.48	0.0094	0.0104	0.0109	0.0114
24.0	0.61	7628X3	46	4.52	4.50	4.47	4.39	0.0098	0.0108	0.0113	0.0118
26.0	0.66	7628X2+1506X2	44	4.56	4.54	4.51	4.43	0.0096	0.0106	0.0111	0.0116
28.0	0.71	7628X4	42	4.61	4.59	4.56	4.48	0.0094	0.0104	0.0109	0.0114
31.0	0.78	7628X4	46	4.52	4.50	4.47	4.39	0.0098	0.0108	0.0113	0.0118
35.0	0.87	7628X5	42	4.61	4.59	4.56	4.48	0.0094	0.0104	0.0109	0.0114
40.0	1.02	7628X6	39	4.67	4.65	4.62	4.54	0.0092	0.0102	0.0107	0.0112
45.0	1.10	7628X6	43	4.59	4.57	4.54	4.46	0.0095	0.0105	0.0110	0.0115
47.0	1.20	7628X7	39	4.67	4.65	4.62	4.54	0.0092	0.0102	0.0107	0.0112
49.0	1.25	7628X7	41	4.63	4.61	4.58	4.50	0.0090	0.0102	0.0106	0.0111
51.0	1.30	7628X7	43	4.59	4.57	4.54	4.46	0.0095	0.0105	0.0110	0.0115
59.0	1.50	7628X8	43	4.59	4.57	4.54	4.46	0.0095	0.0105	0.0110	0.0115

2、Only E-Glass Type PP: H170HFPP

GLASS Type	RC	Pressed Thickness		Dk				Df			
	%	mil	mm	1GHz	5GHz	10GHz	15GHz	1GHz	5GHz	10GHz	15GHz
1027	75	2.0	0.051	3.89	3.87	3.84	3.76	0.0129	0.0138	0.0143	0.0148
	72	1.7	0.043	3.96	3.94	3.91	3.83	0.0125	0.0135	0.0140	0.0145
1037	75	2.4	0.061	3.89	3.87	3.84	3.76	0.0129	0.0138	0.0143	0.0148
	72	2.1	0.053	3.96	3.94	3.91	3.83	0.0125	0.0135	0.0140	0.0145
106	78	2.8	0.071	3.83	3.81	3.78	3.70	0.0132	0.0141	0.0146	0.0151
	75	2.4	0.061	3.89	3.87	3.84	3.76	0.0129	0.0138	0.0143	0.0148
	74	2.3	0.058	3.92	3.90	3.87	3.79	0.0127	0.0137	0.0142	0.0147
	73	2.2	0.055	3.94	3.92	3.89	3.81	0.0126	0.0136	0.0141	0.0146
	72	2.1	0.053	3.96	3.94	3.91	3.83	0.0125	0.0135	0.0140	0.0145
1067	75	3.0	0.076	3.89	3.87	3.84	3.76	0.0129	0.0138	0.0143	0.0148
	72	2.7	0.069	3.96	3.94	3.91	3.83	0.0125	0.0135	0.0140	0.0145
1080	70	3.7	0.094	4.00	3.98	3.95	3.87	0.0122	0.0132	0.0137	0.0142
	68	3.4	0.086	4.04	4.02	3.99	3.91	0.0121	0.0131	0.0136	0.0141
	65	3.1	0.079	4.11	4.09	4.06	3.98	0.0118	0.0128	0.0133	0.0138
	63	2.9	0.074	4.15	4.13	4.10	4.02	0.0115	0.0125	0.0130	0.0136
1086	70	4.2	0.107	4.00	3.98	3.95	3.87	0.0122	0.0132	0.0137	0.0142
	68	3.9	0.099	4.04	4.02	3.99	3.91	0.0121	0.0131	0.0136	0.0141
	65	3.5	0.089	4.11	4.09	4.06	3.98	0.0118	0.0128	0.0133	0.0138
2113	60	4.3	0.109	4.22	4.20	4.17	4.09	0.0112	0.0124	0.0127	0.0131
	58	4.1	0.104	4.26	4.24	4.21	4.13	0.0110	0.0122	0.0125	0.0129
	56	3.9	0.099	4.30	4.28	4.25	4.17	0.0108	0.0120	0.0123	0.0127
3313	60	4.5	0.114	4.22	4.20	4.17	4.09	0.0112	0.0124	0.0127	0.0131
	58	4.3	0.109	4.26	4.24	4.21	4.13	0.0110	0.0122	0.0125	0.0129
	56	4.1	0.104	4.30	4.28	4.25	4.17	0.0108	0.0120	0.0123	0.0127
2116	59	5.7	0.145	4.24	4.22	4.19	4.11	0.0111	0.0121	0.0126	0.0132
	57	5.4	0.137	4.28	4.26	4.23	4.15	0.0109	0.0119	0.0124	0.0130
	55	5.1	0.130	4.33	4.31	4.28	4.20	0.0107	0.0117	0.0122	0.0128
	53	4.8	0.122	4.37	4.35	4.32	4.24	0.0105	0.0115	0.0120	0.0125

Remark: 1. The above data is for your reference only.

2. Please contact WAZAM sale and TS team if need more Laminates type.