

H170GR 规格书(Line-up)

基板 CCL: H170GR

半固化片 PP: H170GRPP

1、Only E-Glass Type CCL: H170GR

Core Thickness		Standard Construction	RC (%)	Dk				Df			
mil	mm			1GHz	2GHz	5GHz	10GHz	1GHz	2GHz	5GHz	10GHz
1.2	0.030	1027X1	63	3.51	3.49	3.43	3.37	0.0086	0.0094	0.0104	0.0112
1.5	0.038	1027X1	68	3.38	3.36	3.24	3.17	0.0091	0.0099	0.0109	0.0117
1.7	0.043	1037X1	66	3.42	3.40	3.28	3.21	0.0089	0.0097	0.0107	0.0115
1.9	0.048	1037X1	69	3.36	3.34	3.21	3.14	0.0092	0.0100	0.0110	0.0118
2.1	0.053	1037X1	72	3.31	3.29	3.17	3.09	0.0095	0.0103	0.0113	0.0121
2.1	0.053	1067X1	65	3.43	3.41	3.35	3.28	0.0088	0.0096	0.0106	0.0114
2.3	0.058	1078X1	54	3.79	3.77	3.69	3.61	0.0081	0.0092	0.0102	0.0112
2.5	0.064	1078X1	57	3.71	3.69	3.61	3.53	0.0084	0.0095	0.0105	0.0115
3.0	0.076	1080X1	59	3.67	3.65	3.57	3.49	0.0086	0.0097	0.0107	0.0117
4.0	0.102	3313X1	55	3.76	3.74	3.66	3.58	0.0082	0.0093	0.0103	0.0113
4.2	0.107	2116X1	47	3.98	3.94	3.90	3.86	0.0077	0.0088	0.0097	0.0107
5.0	0.127	2116X1	54	3.79	3.77	3.69	3.61	0.0081	0.0092	0.0102	0.0112
5.0	0.127	1067X2	70	3.34	3.32	3.19	3.12	0.0093	0.0101	0.0111	0.0119
6.4	0.163	1506X1	46	4.00	3.96	3.92	3.88	0.0076	0.0087	0.0096	0.0106
7.0	0.178	7628X1	42	4.16	4.12	4.08	4.04	0.0071	0.0082	0.0091	0.0101
8.0	0.203	7628X1	45	4.03	3.99	3.95	3.91	0.0074	0.0085	0.0094	0.0104
10.0	0.254	2116X2	54	3.79	3.77	3.69	3.61	0.0081	0.0092	0.0102	0.0112
12.5	0.318	1506X2	45	4.03	3.99	3.95	3.91	0.0074	0.0085	0.0094	0.0104
15.0	0.381	7628X2	43	4.12	4.08	4.04	4.00	0.0072	0.0083	0.0092	0.0102
21.0	0.533	7628X3	42	4.16	4.12	4.08	4.04	0.0071	0.0082	0.0091	0.0101
28.0	0.711	7628X4	42	4.16	4.12	4.08	4.04	0.0071	0.0082	0.0091	0.0101
31.0	0.787	7628X4	44	4.07	4.03	3.99	3.95	0.0073	0.0084	0.0093	0.0103

2、Only E-Glass Type PP: H170GRPP

GLASS Type	RC	Pressed Thickness		Dk				Df			
	%	mil	mm	1GHz	2GHz	5GHz	10GHz	1GHz	2GHz	5GHz	10GHz
1027	77	2.15	0.055	3.19	3.17	3.10	3.02	0.0100	0.0108	0.0118	0.0126
	75	1.95	0.050	3.23	3.21	3.13	3.05	0.0098	0.0106	0.0116	0.0124
	73	1.80	0.046	3.29	3.27	3.16	3.08	0.0096	0.0104	0.0114	0.0122
	71	1.65	0.042	3.33	3.31	3.19	3.11	0.0094	0.0102	0.0112	0.0120
	69	1.50	0.038	3.36	3.34	3.21	3.14	0.0092	0.0100	0.0110	0.0118
1035	75	2.80	0.071	3.23	3.21	3.13	3.05	0.0098	0.0106	0.0116	0.0124
	73	2.60	0.066	3.29	3.27	3.16	3.08	0.0096	0.0104	0.0114	0.0122
	71	2.40	0.061	3.33	3.31	3.19	3.11	0.0094	0.0102	0.0112	0.0120
	69	2.20	0.056	3.36	3.34	3.21	3.14	0.0092	0.0100	0.0110	0.0118
1037	75	2.30	0.058	3.23	3.21	3.13	3.05	0.0098	0.0106	0.0116	0.0124
	73	2.20	0.056	3.29	3.27	3.16	3.08	0.0096	0.0104	0.0114	0.0122
	71	2.00	0.051	3.33	3.31	3.19	3.11	0.0094	0.0102	0.0112	0.0120
	69	1.80	0.046	3.36	3.34	3.21	3.14	0.0092	0.0100	0.0110	0.0118
106	75	2.40	0.061	3.23	3.21	3.13	3.05	0.0098	0.0106	0.0116	0.0124
	73	2.30	0.058	3.29	3.27	3.16	3.08	0.0096	0.0104	0.0114	0.0122
	71	2.10	0.053	3.33	3.31	3.19	3.11	0.0094	0.0102	0.0112	0.0120
	69	1.90	0.048	3.36	3.34	3.21	3.14	0.0092	0.0100	0.0110	0.0118
1067	75	3.00	0.076	3.23	3.21	3.13	3.05	0.0098	0.0106	0.0116	0.0124
	73	2.80	0.071	3.29	3.27	3.16	3.08	0.0096	0.0104	0.0114	0.0122
	71	2.60	0.066	3.33	3.31	3.19	3.11	0.0094	0.0102	0.0112	0.0120
	69	2.40	0.061	3.36	3.34	3.21	3.14	0.0092	0.0100	0.0110	0.0118
1078	67	3.40	0.086	3.39	3.37	3.28	3.20	0.0090	0.0098	0.0108	0.0116
	65	3.10	0.079	3.43	3.41	3.35	3.28	0.0088	0.0096	0.0106	0.0114
1080	67	3.40	0.086	3.39	3.37	3.28	3.20	0.0090	0.0098	0.0108	0.0116
	65	3.10	0.079	3.43	3.41	3.35	3.28	0.0088	0.0096	0.0106	0.0114
	63	2.90	0.074	3.51	3.49	3.43	3.37	0.0086	0.0094	0.0104	0.0112
2116	53	4.90	0.124	3.81	3.79	3.71	3.63	0.0080	0.0091	0.0101	0.0111
	51	4.70	0.119	3.92	3.90	3.83	3.79	0.0078	0.0089	0.0099	0.0109
3313	52	3.70	0.094	3.87	3.85	3.77	3.70	0.0079	0.0090	0.0100	0.0110
7628	45	8.00	0.203	4.03	3.99	3.95	3.91	0.0074	0.0085	0.0094	0.0104

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

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