

H175HFZ-15 规格书(Line-up)

基板 CCL: H175HFZ-15

半固化片 PP: H175HFZPP-15

1、Only E-Glass Type CCL: H175HFZ-15

Core Thickness		Standard Construction	RC (%)	Dk				Df			
mil	mm			1GHz	5GHz	10GHz	15GHz	1GHz	5GHz	10GHz	15GHz
2.0	0.051	1067X1	66	3.81	3.77	3.72	3.68	0.0102	0.0106	0.0112	0.0121
2.5	0.064	1067X1	71	3.65	3.61	3.56	3.52	0.0105	0.0109	0.0116	0.0125
3.0	0.076	1080X1	64	3.87	3.83	3.78	3.74	0.0100	0.0105	0.0110	0.0119
		1078X1	64	3.87	3.83	3.78	3.74	0.0100	0.0105	0.0110	0.0119
3.5	0.089	3313X1	50	4.30	4.26	4.21	4.18	0.0091	0.0095	0.0100	0.0108
4.0	0.102	3313X1	55	4.15	4.11	4.06	4.02	0.0095	0.0098	0.0104	0.0112
		1067X2	66	3.81	3.77	3.72	3.68	0.0102	0.0106	0.0112	0.0121
4.5	0.114	2116X1	52	4.24	4.20	4.15	4.12	0.0093	0.0096	0.0101	0.0109
		1067X2	70	3.68	3.64	3.59	3.55	0.0104	0.0108	0.0115	0.0124
5.0	0.127	2116X1	55	4.15	4.11	4.06	4.02	0.0095	0.0098	0.0104	0.0112
		1080X2	59	4.02	3.98	3.93	3.90	0.0097	0.0101	0.0107	0.0115
		106X2	72	3.63	3.59	3.54	3.50	0.0106	0.0110	0.0117	0.0126
5.5	0.140	1080X2	62	3.93	3.89	3.84	3.80	0.0099	0.0103	0.0109	0.0117
6.0	0.152	1080X2	64	3.87	3.83	3.78	3.74	0.0100	0.0105	0.0110	0.0119
		1078X2	64	3.87	3.83	3.78	3.74	0.0100	0.0105	0.0110	0.0119
6.5	0.165	1506X1	48	4.36	4.32	4.28	4.25	0.0090	0.0094	0.0098	0.0106
7.0	0.178	3313X2	50	4.30	4.26	4.21	4.18	0.0091	0.0095	0.0100	0.0108
8.0	0.203	7628X1	46	4.43	4.38	4.34	4.31	0.0089	0.0092	0.0097	0.0105
		3313X2	55	4.15	4.11	4.06	4.02	0.0095	0.0098	0.0104	0.0112
9.0	0.229	2116X2	52	4.24	4.20	4.15	4.12	0.0093	0.0096	0.0101	0.0109
10.0	0.254	2116X2	55	4.15	4.11	4.06	4.02	0.0095	0.0098	0.0104	0.0112
12.0	0.305	2116X3	47	4.43	4.38	4.34	4.31	0.0089	0.0092	0.0097	0.0105
		3313X3	55	4.15	4.11	4.06	4.02	0.0095	0.0098	0.0104	0.0112
		1506X2	45	4.43	4.38	4.34	4.31	0.0089	0.0092	0.0097	0.0105
13.0	0.330	1506X2	48	4.36	4.32	4.28	4.25	0.0090	0.0094	0.0098	0.0106
14.0	0.356	2116X3	53	4.24	4.20	4.15	4.12	0.0093	0.0096	0.0101	0.0109
		7628X2	43	4.61	4.58	4.53	4.50	0.0087	0.0090	0.0095	0.0103
15.0	0.381	7628X2	44	4.56	4.53	4.48	4.45	0.0088	0.0091	0.0096	0.0104
		2116X3	55	4.15	4.11	4.06	4.02	0.0095	0.0098	0.0104	0.0112
		3313X4	54	4.17	4.13	4.09	4.04	0.0094	0.0097	0.0103	0.0111
16.0	0.406	7628X2	47	4.43	4.38	4.34	4.31	0.0089	0.0092	0.0097	0.0105
		2116X4	47	4.43	4.38	4.34	4.31	0.0089	0.0092	0.0097	0.0105
18.0	0.457	7628X2+1080X1	47	4.43	4.38	4.34	4.31	0.0089	0.0092	0.0097	0.0105
		2116X4	52	4.24	4.20	4.15	4.12	0.0093	0.0096	0.0101	0.0109
20.0	0.508	7628X2+2116X1	46.5	4.43	4.38	4.34	4.31	0.0089	0.0092	0.0097	0.0105
		2116X5	47	4.43	4.38	4.34	4.31	0.0089	0.0092	0.0097	0.0105

1、 Only E-Glass Type CCL: H175HFZ-15

Core Thickness		Standard Construction	RC (%)	Dk				Df			
mil	mm			1GHz	5GHz	10GHz	15GHz	1GHz	5GHz	10GHz	15GHz
21.0	0.533	7628X3	43	4.61	4.58	4.53	4.50	0.0087	0.0090	0.0095	0.0103
		2116X5	48	4.36	4.32	4.28	4.25	0.0090	0.0094	0.0098	0.0106
24.0	0.610	7628X3	47	4.43	4.38	4.34	4.31	0.0089	0.0092	0.0097	0.0105
		2116X6	47	4.43	4.38	4.34	4.31	0.0089	0.0092	0.0097	0.0105
26.0	0.660	7628X2+1506X2	43	4.61	4.58	4.53	4.50	0.0087	0.0090	0.0095	0.0103
		2116X6	51	4.26	4.22	4.17	4.14	0.0092	0.0095	0.0100	0.0108
28.0	0.711	7628X4	43	4.61	4.58	4.53	4.50	0.0087	0.0090	0.0095	0.0103
		2116X7	47	4.43	4.38	4.34	4.31	0.0089	0.0092	0.0097	0.0105
37.0	0.940	7628X5	43	4.61	4.58	4.53	4.50	0.0087	0.0090	0.0095	0.0103

2、Only E-Glass Type PP: H175HFZPP-15

GLASS Type	RC	Pressed Thickness		Dk				Df			
	%	mil	mm	1GHz	5GHz	10GHz	15GHz	1GHz	5GHz	10GHz	15GHz
106	71	2.0	0.051	3.65	3.61	3.56	3.52	0.0105	0.0109	0.0116	0.0125
	74	2.2	0.056	3.56	3.52	3.47	3.43	0.0107	0.0111	0.0118	0.0127
	76	2.4	0.061	3.50	3.46	3.40	3.36	0.0108	0.0113	0.0120	0.0129
	78	2.7	0.069	3.45	3.41	3.35	3.31	0.0109	0.0114	0.0121	0.0130
1067	66	2.0	0.051	3.81	3.77	3.72	3.68	0.0102	0.0106	0.0112	0.0121
	69	2.2	0.056	3.71	3.67	3.62	3.58	0.0104	0.0108	0.0114	0.0123
	71	2.4	0.061	3.65	3.61	3.56	3.52	0.0105	0.0109	0.0116	0.0125
	74	2.6	0.066	3.56	3.52	3.47	3.43	0.0107	0.0111	0.0118	0.0127
	76	2.9	0.074	3.50	3.46	3.40	3.36	0.0108	0.0113	0.0120	0.0129
1080	64	3.0	0.076	3.87	3.83	3.78	3.74	0.0100	0.0105	0.0110	0.0119
	66	3.2	0.081	3.81	3.77	3.72	3.68	0.0102	0.0106	0.0112	0.0121
	68	3.4	0.086	3.74	3.71	3.65	3.62	0.0103	0.0107	0.0113	0.0122
	70	3.6	0.091	3.68	3.64	3.59	3.55	0.0104	0.0109	0.0115	0.0124
	72	3.8	0.097	3.62	3.58	3.53	3.49	0.0106	0.0110	0.0117	0.0126
1078	64	3.0	0.076	3.87	3.83	3.78	3.74	0.0100	0.0105	0.0110	0.0119
	66	3.2	0.081	3.81	3.77	3.72	3.68	0.0102	0.0106	0.0112	0.0121
	68	3.4	0.086	3.74	3.71	3.65	3.62	0.0103	0.0107	0.0113	0.0122
	70	3.6	0.091	3.68	3.64	3.59	3.55	0.0104	0.0109	0.0115	0.0124
3313	55	4.0	0.102	4.15	4.11	4.06	4.02	0.0095	0.0098	0.0104	0.0112
	57	4.2	0.107	4.08	4.04	4.00	3.96	0.0096	0.0100	0.0105	0.0113
	59	4.4	0.112	4.02	3.98	3.93	3.90	0.0097	0.0101	0.0107	0.0115
	61	4.6	0.117	3.96	3.92	3.87	3.84	0.0098	0.0103	0.0108	0.0117
2116	52	4.5	0.114	4.24	4.20	4.15	4.12	0.0093	0.0096	0.0101	0.0109
	55	5.0	0.127	4.15	4.11	4.06	4.02	0.0095	0.0098	0.0104	0.0112
	58	5.4	0.137	4.05	4.01	3.96	3.93	0.0096	0.0101	0.0106	0.0114
	60	5.7	0.145	3.99	3.95	3.90	3.87	0.0098	0.0102	0.0107	0.0116
	62	6.0	0.152	3.93	3.89	3.84	3.80	0.0099	0.0103	0.0109	0.0117
1506	48	6.5	0.165	4.36	4.32	4.28	4.25	0.0090	0.0094	0.0098	0.0106
	50	6.8	0.173	4.30	4.26	4.21	4.18	0.0091	0.0095	0.0100	0.0108
	52	7.2	0.183	4.24	4.20	4.15	4.12	0.0093	0.0096	0.0101	0.0109
7628	46	7.8	0.198	4.43	4.38	4.34	4.31	0.0089	0.0092	0.0097	0.0105
	48	8.2	0.208	4.36	4.32	4.28	4.25	0.0090	0.0094	0.0098	0.0106
7628	50	8.6	0.218	4.30	4.26	4.21	4.18	0.0091	0.0095	0.0100	0.0108
	52	9.1	0.231	4.24	4.20	4.15	4.12	0.0093	0.0096	0.0101	0.0109

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

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