KB

1) CORE (KB-6164)

Thinckness (mil)±10%	Thinckness (mm)±10%	Layup	Dk±0.2				Df±10%			
			1GHz	2GHz	5GHz	10GHz	1GHz	2GHz	5GHz	10GHz
2.0	0.051	106×1	4.1	4.0	3.9	3.9	0.017	0.017	0.018	0.019
2.5	0.064	1067×1	4.1	4.1	4.0	3.9	0.017	0.017	0.018	0.019
3.0	0.076	1080×1	4.2	4.2	4.1	4.0	0.016	0.016	0.017	0.018
3.5	0.089	3313×1	4.5	4.4	4.4	4.3	0.015	0.015	0.016	0.017
4.0	0.102	2116×1	4.6	4.5	4.5	4.4	0.017	0.018	0.019	0.019
4.5	0.114	2116×1	4.5	4.5	4.4	4.3	0.015	0.015	0.016	0.017
5.0	0.127	2165×1	4.6	4.5	4.4	4.4	0.015	0.015	0.016	0.017
5.5	0.140	1506*1	4.7	4.6	4.6	4.5	0.014	0.014	0.015	0.016
6.0	0.152	1506*1	4.6	4.6	4.5	4.4	0.014	0.014	0.015	0.016
7.5	0.191	7628*1	4.6	4.6	4.5	4.5	0.014	0.014	0.015	0.016
8.0	0.203	7628*1	4.6	4.5	4.4	4.4	0.015	0.015	0.016	0.017
10.0	0.254	2165*2	4.5	4.5	4.4	4.4	0.015	0.015	0.016	0.017
12.0	0.305	1506×2	4.7	4.6	4.6	4.5	0.014	0.014	0.015	0.016
15.0	0.381	7628*2	4.8	4.8	4.7	4.6	0.015	0.016	0.016	0.017
18.0	0.457	7628×2+1080×1	4.6	4.5	4.5	4.4	0.014	0.015	0.016	0.017
21.0	0.533	7628*3	4.7	4.6	4.6	4.5	0.014	0.014	0.015	0.016
25.0	0.635	7628*3	4.5	4.5	4.4	4.4	0.015	0.015	0.016	0.017
30.0	0.762	7628*4	4.8	4.7	4.7	4.6	0.015	0.015	0.016	0.016
35.0	0.889	7628*5	4.7	4.6	4.6	4.5	0.014	0.014	0.015	0.016
40.0	1.016	7628*5	4.7	4.7	4.6	4.5	0.015	0.016	0.016	0.017
47.0	1.194	7628*6	4.7	4.6	4.5	4.5	0.014	0.014	0.015	0.016
59.0	1.499	7628*8	4.8	4.7	4.7	4.6	0.014	0.015	0.016	0.017

1) PREPREG (KB-6064)

Glass style	Thickness (mil)±10%	Thickness (mm)±10%	RC%	Dk±0.2				Df±10%			
				1GHz	2GHz	5GHz	10GHz	1GHz	2GHz	5GHz	10GHz
106	1.95	0.050	71	4.1	4.1	4.0	3.9	0.016	0.017	0.018	0.019
	2.10	0.053	73	4.0	4.0	3.9	3.9	0.017	0.017	0.018	0.019
	2.30	0.058	75	3.9	3.9	3.8	3.7	0.017	0.017	0.018	0.019
1080/1078	2.60	0.066	60	4.3	4.2	4.2	4.1	0.016	0.016	0.017	0.018
	2.80	0.071	62	4.2	4.2	4.1	4.0	0.016	0.016	0.017	0.018
	3.10	0.079	65	4.2	4.1	4.0	4.0	0.016	0.017	0.018	0.019
	3.40	0.086	68	4.2	4.1	4.0	4.0	0.016	0.017	0.018	0.019
1086	2.90	0.074	60	4.3	4.2	4.1	4.1	0.016	0.016	0.017	0.018
	3.30	0.084	64	4.2	4.2	4.1	4.0	0.016	0.016	0.017	0.018
	3.80	0.097	68	4.2	4.1	4.1	4.0	0.016	0.016	0.017	0.018
3313	3.40	0.086	50	4.5	4.4	4.4	4.3	0.015	0.015	0.016	0.017
	3.50	0.089	52	4.4	4.4	4.3	4.3	0.015	0.015	0.016	0.017
	3.80	0.097	55	4.3	4.3	4.2	4.2	0.016	0.016	0.017	0.018
2116	4.60	0.117	52	4.5	4.4	4.4	4.3	0.015	0.015	0.016	0.017
	4.80	0.122	54	4.5	4.4	4.3	4.3	0.015	0.015	0.016	0.017
	5.10	0.130	56	4.4	4.4	4.3	4.2	0.015	0.015	0.016	0.017
	5.40	0.137	58	4.3	4.3	4.2	4.2	0.016	0.016	0.017	0.018
1506	5.90	0.150	44	4.7	4.6	4.5	4.5	0.014	0.014	0.015	0.016
	6.20	0.157	46	4.6	4.6	4.5	4.4	0.014	0.014	0.015	0.016
	6.50	0.165	48	4.5	4.5	4.4	4.4	0.015	0.015	0.016	0.017
7628	7.30	0.185	43	4.7	4.6	4.6	4.5	0.014	0.014	0.015	0.016
	7.70	0.196	45	4.7	4.6	4.5	4.5	0.014	0.015	0.016	0.017
	8.10	0.206	47	4.5	4.5	4.4	4.4	0.015	0.015	0.016	0.017
	8.50	0.216	49	4.5	4.5	4.4	4.4	0.015	0.015	0.016	0.017