



Meteorwave 3350 – Dielectric Properties Table

LAMINATE:

Thickness & Tolerance (inch)			Construction				RC%	Nominal Thickness (inch)	2GHz Dk	2 GHz Df	10 GHz Dk	10 GHz Df	40 GHz Dk	40 GHz Df
0.0020	±	0.0005	1	1035			67%	0.0020	3.57	0.0031	3.52	0.0038	3.51	0.0040
0.0030	±	0.0005	1	1078			67%	0.0032	3.57	0.0031	3.52	0.0038	3.51	0.0040
0.0040	±	0.0005	2	1035			67%	0.0039	3.57	0.0031	3.52	0.0038	3.51	0.0040
0.0050	±	0.0007	1	1035	+	1 1078	67%	0.0051	3.57	0.0031	3.52	0.0038	3.51	0.0040
0.0050	±	0.0007	1	3313			66%	0.0052	3.59	0.0031	3.54	0.0039	3.53	0.0041
0.0055	±	0.0007	1	3313			67%	0.0054	3.57	0.0031	3.52	0.0038	3.51	0.0040
0.0060	±	0.0007	2	1078			67%	0.0063	3.57	0.0031	3.52	0.0038	3.51	0.0040
0.0080	±	0.0010	1	3313	+	1 1078	67%	0.0085	3.57	0.0031	3.52	0.0038	3.51	0.0040
0.0100	±	0.0010	2	3313			66%	0.0104	3.59	0.0031	3.54	0.0039	3.53	0.0041
0.0110	±	0.0010	2	3313			67%	0.0108	3.57	0.0031	3.52	0.0038	3.51	0.0040
0.0120	±	0.0015	2	3313	+	1 106	66%	0.0120	3.59	0.0031	3.54	0.0039	3.53	0.0041
0.0200	±	0.0025	4	3313			66%	0.0208	3.59	0.0031	3.54	0.0039	3.53	0.0041
0.0300	±	0.0025	5	3313	+	1 1078	67%	0.0301	3.57	0.0031	3.52	0.0038	3.51	0.0040
0.0400	±	0.0040	7	3313	+	1 1078	67%	0.0408	3.57	0.0031	3.52	0.0038	3.51	0.0040
0.0600	±	0.0050	11	3313	+	1 106	67%	0.0608	3.57	0.0031	3.52	0.0038	3.51	0.0040



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PREPREG:

Glass	RC%	2 GHz Dk	2GHz Df	10GHz Dk	10GHz Df	40GHz Dk	40GHz Df	Thickness (inches)	Thickness (µm)
106	67	3.57	0.0031	3.52	0.0038	3.51	0.0040	0.0016	41.0
1035	67	3.57	0.0031	3.52	0.0038	3.51	0.0040	0.0020	50.1
1078	67	3.57	0.0031	3.52	0.0038	3.51	0.0040	0.0032	80.3
3313	67	3.57	0.0031	3.52	0.0038	3.51	0.0040	0.0054	136.6

The following laminate and prepreg items are a representative of available materials. These items and their associated values may not be regularly available and additional lead times or minimum order quantities could apply. Please contact our office or your local technical representative for assistance with choosing the best material for your design and application.

For More Information:

North America +1.480.967.5600 • Europe +33.5.62.98.52.90 • Asia Pacific +65.686.17117

agc-ml.digital-sales@agc.com • www.agc-multimaterial.com

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