

BONDiT Adhesive Tensile Test Matrix

Adhesive	Cure	Mean Peak Stress PSI	HI/LO Peak Stress PSI	Std Dev PSI	Mean Break Stress PSI	Break Elog %	Mean Yield Stress PSI	Yield Elog %	Modulus psi	Poisson Ratio
B45	Ambient 24hrs	310.1	336.8/270.4	24.1	304.9	227.40	292.9	222.1	243	-
B45	200F 3hrs, 300F 1 hrs, ambient 7day	375.3	433.4/323.3	39.7	369.1	157.40	300.3	130.4	565	-
B45	200F 3hrs	448.4	513.4/367.9	52.7	442.9	181.50	381.5	160.9	589	-
B46	Ambient	21	35.4/15.1	7.9	20.4	566.20	-	-	8	-
B481	Ambient 24 hrs	1507.9	1674.7/1144.6	190.1	1503.1	25.20	1500.1	24.7	81286	-
B481	Ambient 7days	4655.4	4726.9/4412.0	123.1	3813.9	24.40	4655.4	10.7	84657	-
B481	200F 3hrs	5739.8	5844.9/5690.4	59.3	5267.6	3.20	5739.8	2.3	528772	-
B481	Ambient 30days	5620	5793.0/5534.5	96.8	4688.7	17.40	5620	10.8	94549	-
B482	Ambient 24hrs	1471.3	1851.8/939.1	445.4	1433.2	100.60	1444.9	93.2	15768	-
B482	Ambient 90days	3452	3606.0/3363.1	95.1	3274.5	5.10	3452	2.9	301860	-
B482TH	Ambient 66hrs, 200F 3hrs	2076.5	2275.5/1987.7	119.5	2055.5	30.29	1816.9	11.58	17591	0.467
B4682	Ambient 24hrs, 200F 3hrs	130.5	163.5/88.8	28.5	125.9	113.60	31.2	87.6	559.3	-
B4682TH	Ambient 24hrs, 200F 3hrs	158.2	204.4/118.7	34.5	156.9	214.50	21.2	48.64	292.3	-
B4811	Ambient 67hrs, 200F 3hrs	3724.6	3861.2/3564.6	157	3685.2	4.05	3724.6	2.2	10880	0.432
B536	Ambient 30Mins, 200F 20Mins	8423.9	8496.3/8337.0	58.4	8422.2	4.15	8423.9	1.86	394982	0.416
B575	Ambient 17hrs	8009.3	8350.8/7866.6	199	7980.5	3.20	8009.3	1.14	426116.8	0.402
B755	Ambient 24, 200F 3hrs	8803.4	10674.9/6449.1	1840.2	8658.2	3.30	9092.3	1.08	408987.2	0.375