

DMA Results Summary		
Log Scale		
	T _g [°C]	T _g [°F]
	187.2	368.96
	187.34	369.21
	183.32	361.98
	182.13	359.83
	189.4	372.92
	189.21	372.58
	185.1	365.18
	184.95	364.91
	190.58	375.04
	190.28	374.50
	189.74	373.53
	189.8	373.64
	199.86	391.75
	199.85	391.73
	195.96	384.73
	196.47	385.65
	195.69	384.24
	194.76	382.57
	190.57	375.03
	190.22	374.40
	191.33	376.39
	191.28	376.30
	197.4	387.32
	197.09	386.76
	188.52	371.34
	188.08	370.54
	189.73	373.51
	189.69	373.44
	186.72	368.10
	186.31	367.36
Average	190.62	375.11
Standard Deviation	4.65	8.37
Coefficient of Variation (%)	2.44	2.23
Minimum	182.13	359.83
Maximum	199.86	391.75
No. Specimens	30	30

Laminate Compression After Impact Properties (CAI) Summary

normalizing t_{ply}
[in]

0.0079

Specimen Number	ACG Code	ACG Batch #	ACG Cure Cycle	Prepreg Lot #	Cure Cycle Batch #	Measured Impact Energy (in-lbf)	Strength [ksi]	Avg. Specimen Thckn. [in]	# Plies in Laminate	Failure Mode
CKKA111A	AITR1392-PWC1-CAI1-A-MH-RTD-1	A	MH1	1	3	249.210	31.746	0.171	20	LDM
CKKA111A	AITR1392-PWC1-CAI1-A-MH-RTD-2	A	MH1	1	3	248.980	31.865	0.166	20	LDM
CKKA111A	AITR1392-PWC1-CAI1-A-MH-RTD-3	A	MH1	1	3	249.240	31.709	0.169	20	LDM
CKKA111A	AITR1392-PWC1-CAI1-A-MH-RTD-4	A	MH1	1	3	249.300	32.520	0.167	20	LDM
CKKA111A	AITR1392-PWC1-CAI1-A-MH-RTD-5	A	MH1	1	3	248.740	31.331	0.172	20	LDM
CKKA111A	AITR1392-PWC1-CAI1-A-MH-RTD-6	A	MH1	1	3	249.190	34.959	0.162	20	LGM
CKKA111A	AITR1392-PWC1-CAI1-A-MH-RTD-7	A	MH1	1	3	249.300	31.919	0.172	20	LGM
CKKA111A	AITR1392-PWC1-CAI1-A-MH-RTD-8	A	MH1	1	3	249.050	34.978	0.158	20	LDM

Avg. t_{ply} [in]	Strength _{norm} [ksi]
0.009	34.351
0.008	33.522
0.008	33.853
0.008	34.317
0.009	34.041
0.008	35.763
0.009	34.758
0.008	34.878

32.63

1.48

4.54

31.33

34.98

8

Average_{norm}

Standard Dev_{norm}

Coeff. of Var. [%]_{norm}

Min.

Max.

Number of Spec.

0.00841

0.70

2.03

0.0081

0.0086

8

34.44

33.52

33.85

34.32

34.04

35.76

34.76

34.88