

Laminate Compression After Impact Properties (CAI) -- (RTD) 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 Thickn. [in]	# Plies in Laminate	Failure Mode	Avg. t_{ply} [in]	Strength _{norm} [ksi]
CKKCM11A	AITR1392-PWC1-CAI1-C-M1-RTD-1	C	M1	3	2	250.860	34.139	0.162	20	LDM	0.008	34.995
CKKCM12A	AITR1392-PWC1-CAI1-C-M1-RTD-2	C	M1	3	2	252.540	33.206	0.161	20	LDM	0.008	33.820
CKKCM13A	AITR1392-PWC1-CAI1-C-M1-RTD-3	C	M1	3	2	249.750	32.021	0.162	20	LDM	0.008	32.857
CKKCM15A	AITR1392-PWC1-CAI1-C-M1-RTD-5	C	M1	3	2	249.310	33.045	0.163	20	LDM	0.008	34.020

Average **33.102**
Standard Dev. **0.867**
Coeff. of Var. [%] **2.621**
Min. **32.021**
Max. **34.139**
Number of Spec. **4**

Average_{norm} **33.923**
Standard Dev._{norm} **0.877**
Coeff. of Var. [%]_{norm} **2.584**
Min. **32.857**
Max. **34.995**
Number of Spec. **4**