

	Panel Property	Measurement	Showa AR4C6C
1	Thickness	(in) individual range	0.398
2	Areal weight	(psf) max,individual	0.98
3	Warpage	(in) max	0.00
4	Long beam bending (L)	a)Load(lbs) x,min.	627
		b)Deflection @100lbs(in) x, max.	0.38
5	Long beam bending (W)	a)Load(lbs) x,min.	686
		b)Deflection @100lbs(in) x, max.	0.36
6	Short Beam Flexural Core Shear Stress(L)	(psi) x, min	825
	Short Beam Flexural Core Shear Stress(W)	(psi) x, min	544
7	Panel shear (L)	(lbs) x, min.	1,827
	Panel shear (W)	(lbs) x, min.	1,204
8	In-plane shear	(lbs/in) x, min.	973
9	Insert shear	(lbs) x, min.	1913(Bolt break)
10	Impact strength	(in-lbs), x, min	100 (BMS4-23) 117 (FedEx Spec)
11	Climbing Drum Peel (L)	(in-lbs/3 inch width) x, min	62.5
12	Stabilized core compression	(psi) x, min	1,990
13	Flammability Vertical Test (90°) a)Self extinguishing time, (sec),	x, max.	Pass
	b)Burn length (in)	x, max.	Pass
	c)Drip, ext.time (sec),	x, max.	Pass
14	Flammability Angle Test (45°) a)Self extinguishing time, (sec),	x, max.	Pass
	b)Penetration	x, max.	Pass
	c)Glow time (sec)	x, max.	Pass