

Product Data Sheet

Panel Name : AR4C6C-A0400
 Facings : Unidirectional fiberglass
 Resin Type : Epoxy
 Core : 1/8"-8.1pcf 5052 Aluminum Honeycomb Core

DESCRIPTION	UNIT	VALUE
Areal Weight	psf	0.98
Thickness	inch	0.400
Warpage	in/ft	0.00
Long Beam Bending (BMS4-23)		
Load	lbs	627
Deflection at 100 lbs	inch	0.38
Panel Shear (BMS4-23)		
Ribbon direction	lbs	1827
Transverse direction	lbs	1204
Stabilized Core Compression (BMS4-23)	psi	1990
Drum Peel (BMS4-23)	in-lbs/3inch	62
In-plane shear (BMS4-23)	lbs/in	973
Insert shear (BMS4-23)	lbs	1913 or more
Impact strength (BMS4-23)	in-lbs	100
60 second vertical (14 CFR Appendix F, part I)	-	PASS
45 degree angle (14 CFR Appendix F, part I)	-	PASS

Note: Above figures reflect typical values and should not be used as design