

AeroRigid4K3L Data Sheet

Panel Name : AR4K3L-A0374
 Facings : 2ply / phenolic / Glass fiber woven
 Core : High density Nomex® honeycomb
 Note : This test results came from a single batch of panels and
 : the average of 5 specimens.

DESCRIPTION	UNIT	VALUE
Areal Weight	psf	0.680
Thickness	inch	0.374
Warpage	in/ft	0.0
Long Beam Bending - Ribbon Direction (ASTM C393:Support Span 20inch, Load Span 10inch)		
Load	lbs	445
Deflection at 100 lbs	inch	0.40
Panel Shear - Ribbon Direction (ASTM C393:Support Span 6inch)		
Load	lbs	949
Strength	psi	432
Drum Peel - Ribbon Direction (ASTM D1781)	in-lbs/3 inch	31
Impact Strength (ASTM D5420)	in-lb	35
Stabilized Core Compression (ASTM C365)	psi	1898
Flammability		
60 second vertical (14 CFR Appendix F, part I)	-	Pass
45 degree angle (14 CFR Appendix F, part I)	-	Pass
Maximum Smoke Density (14 CFR Appendix F, part V)	-	Pass
Heat Release (14 CFR Appendix F, part IV)	-	Pass

Above figures reflect typical values and should not be used as design specifications.