

Balsa Core Technical Data



Our Balsa is made of the highest quality mature balsa from Ecuador. Uniform patterns of scoring, porting, and grooving allow for hand lamination, infusion, RTM and panel production processes.

Varieties include Rigid, Scrimmed and Scored, Sealed Scrimmed and Scored, Pith grade, LITE (6 lb/m³), slope bottoms, fillets, panels and kits.

Normal Density	Lb/ft ³	9.3
	Kg/m ³	150
Comprehensive Strength ASTM C365	Psi	1,859
	Mpa	12.8
Compressive Modulus ASTM C365	Psi	590,000
	Mpa	4,070
Shear Strength ASTM C273	Psi	432
	Mpa	2.98
Shear Modulus ASTM C273	Psi	23,100
	Mpa	159
Tensile Strength ASTM c297	Psi	1,900
	Mpa	13.1
Thermal Conductivity ASTM C177 @ 75 F	BTU inch/hr/ft ² /F	0.45
	W/m K	0.0649
PANEL DIMENSIONS		
Length	inches	48
	mm	1,219.20
Width	inches	24
	mm	609.6
Thickness	inches	0.11811" - 2"
	mm	3 - 50.8

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