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MECHANICAL PROPERTY TABLE

FLEXOKORE

Typical properties for FLEXOKORE end grain balsa

Nominal Density	Lb/ft^3 Kg/m^3	9.3 150
Compressive Strength ASTM C365	Psi MPa	1,850 12.80
Compressive Modulus ASTM C365	Psi Mpa	590,000 4,070
Shear Strength ASTM C273	Psi MPa	432 2.98
Shear Modulus ASTM C273	Psi Mpa	23,100 159
Tensile Strength ASTM C297	Psi Mpa	1,900 13.10
Thermal Conductivity ASTM C177 @ 75^oF	BTU inch/hr/$ft^2/^oF$ W/m ^oK	0.450 0.0649

The above table gives average values. Balsa is a natural product and balsa densities vary. For sandwich panel design minimum values should be used.

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Lloyd's Register ACCEPTED

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