

Balsa Wood: Nature's Foam

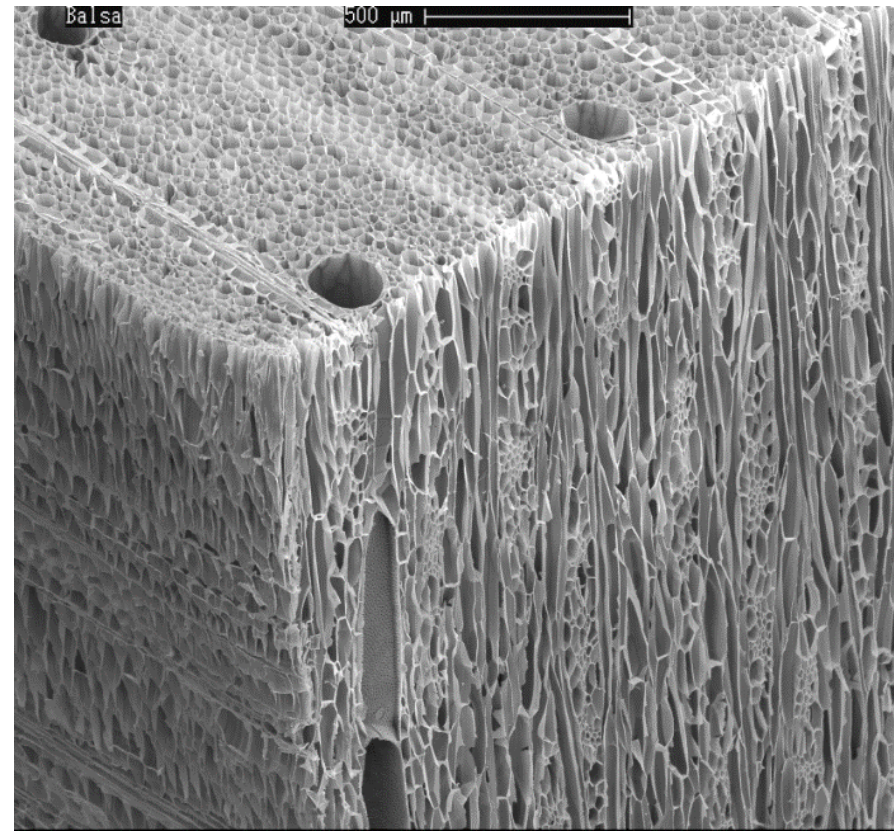
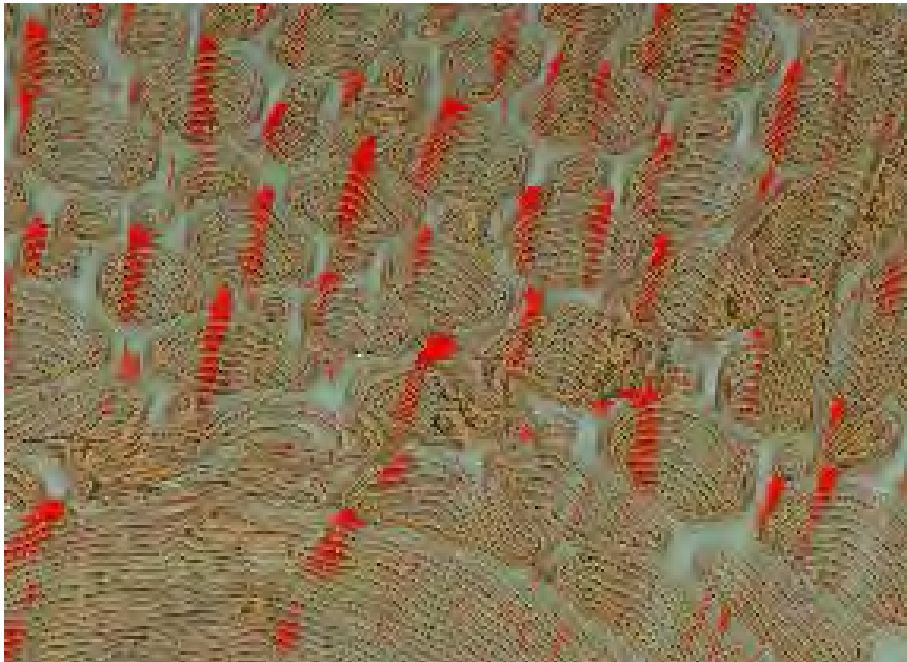


Balsa Wood Plantations: Ready to be harvested in 10 years

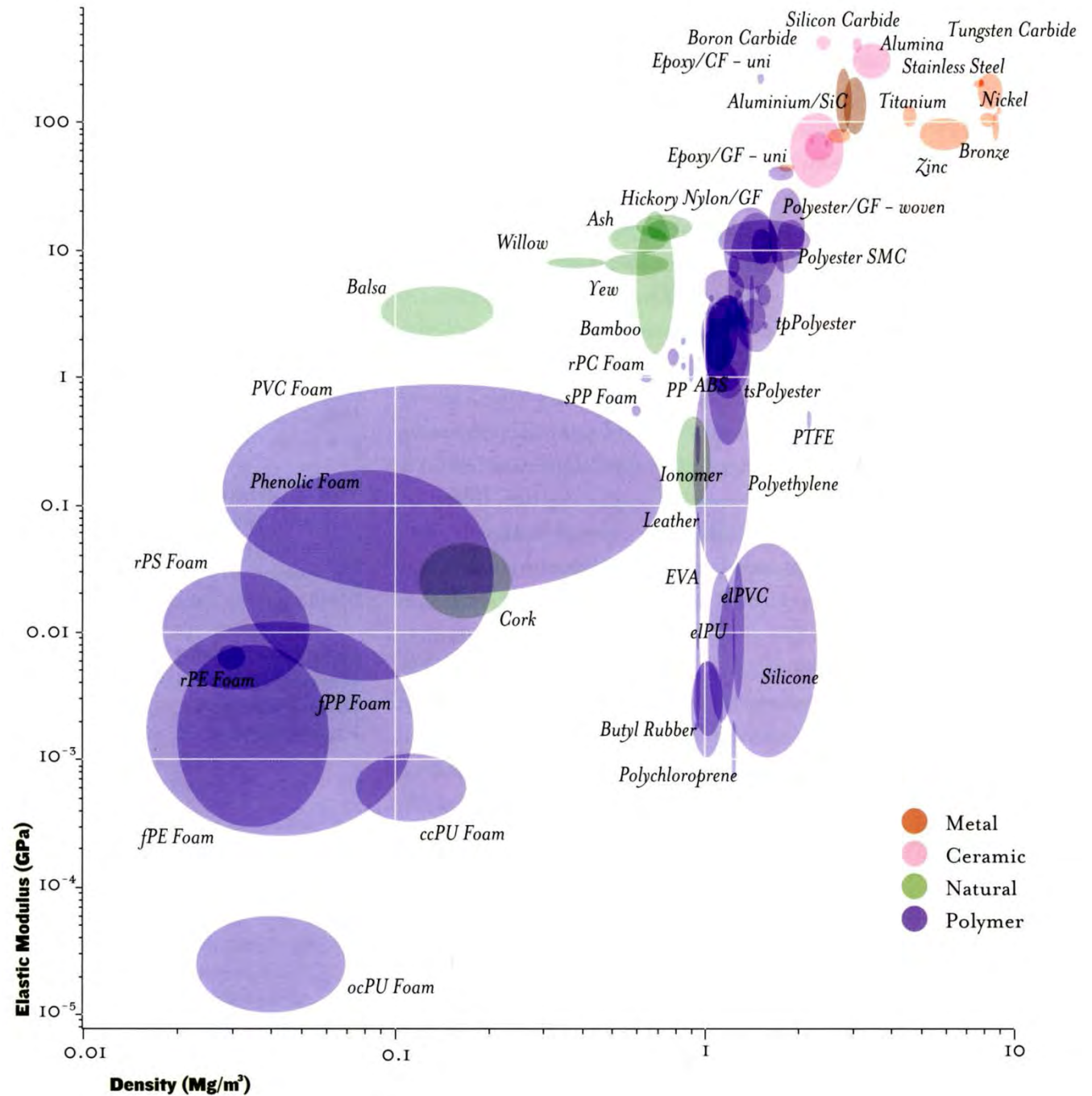


Balsa Wood

- Balsa wood is nature's foam-the worlds lightest timber; a cellular material consisting of little more than air



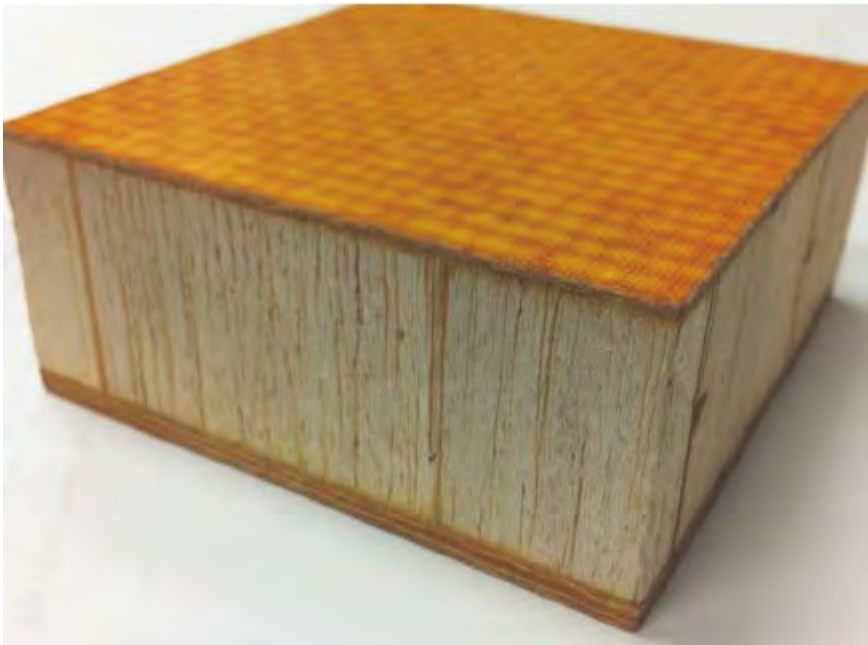
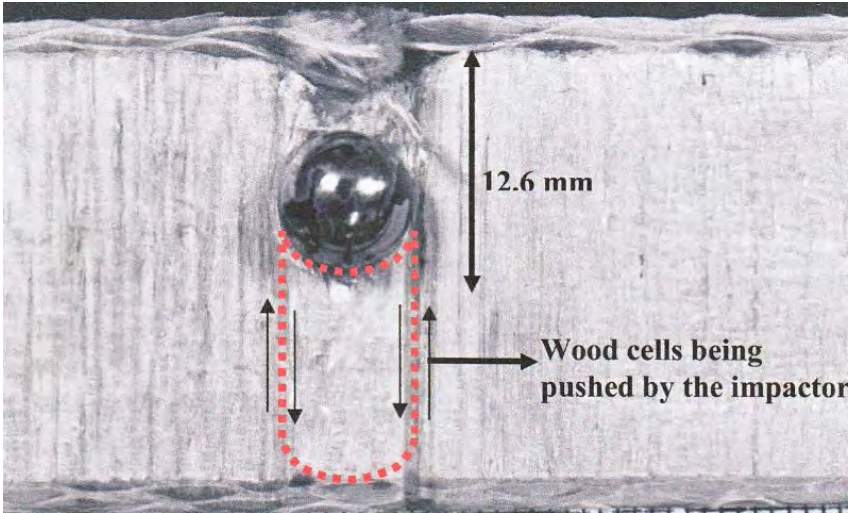
Stiffness v density relationship for balsa and other woods and materials (from Mike Ashby, Cambridge Uni.)



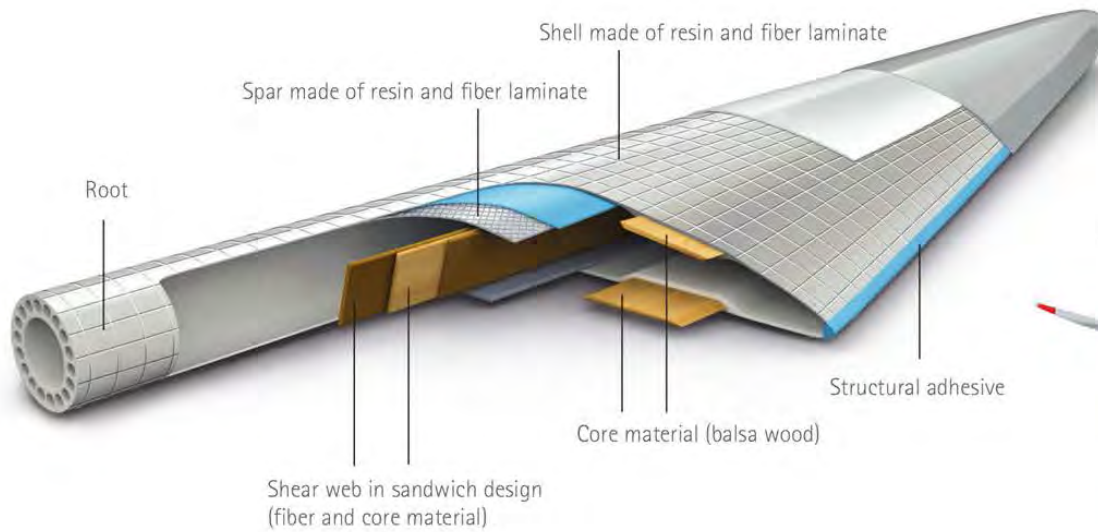
Balsa wood composites consisting of end-grain blocks glued together and sandwiched between carbon fibre are widely used to make yachts and even armour. In this application the balsa replaces a synthetic foam



END GRAIN BALS CORE: High structural strength Reduced weight Cost effective	FLEXOKORE LTD PO Box 588 Orpington Kent BR6 7XU
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Balsa: High Tech Uses



End-grain balsa used as core in wind turbine blades



Pull Buoy

- The pull buoy is an essential training aid for swimming that prevents legs from providing propulsion and hence strengthens the upper body
- The pull buoy is made from Ethylene-vinyl acetate (EVA) which can contains the toxin formamide
- EVA is derived from petrochemicals



Balsa Buoy

Why not make a pull buoy from nature's foam. It's toxin free, made from a renewable material and looks and feels great

