

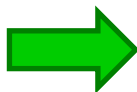
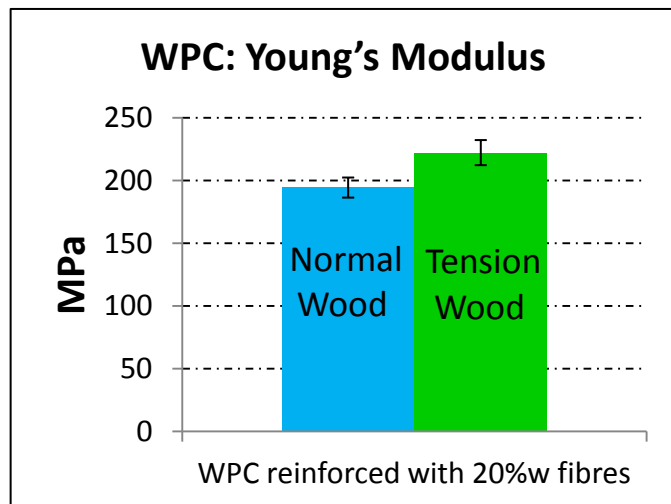
BEAUGRAND Johnny¹, DOBOSZ Simon¹, CLAIR Bruno²

¹INRA, UMR 614 - Fractionation of Agricultural Resources and Environment, Reims, France

²CNRS, UMR 5508 - Laboratoire de Mécanique et Génie Civil (LMGC), Université Montpellier 2, France

How can Tension Wood (a by-product of the wood industry) improve mechanical properties of Wood Polymer Composites ?

Preliminary results :



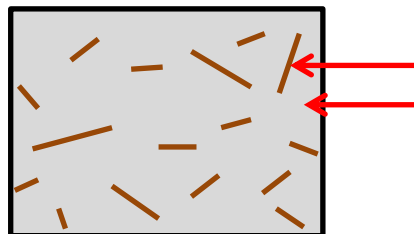
Fact :

Improved tensile properties of TWPC vs NWPC :



Hypothesis :

- Adhesion matrix/wood
- and /or Aspect ratio
- and/or Intrinsic properties



Poster C17

Strategies

