

Moisture-dependent Mechanical Properties of Longitudinally Compressed Wood

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Mátyás BÁDER^{1*}, Róbert NÉMETH¹

¹University of Sopron, Simonyi Károly Faculty of Engineering, Wood Sciences and Applied Arts, Institute of Wood Science. 4 Bajcsy-Zsilinszky Street, 9400 Sopron, Hungary

Contact details:

Mátyás BÁDER corresponding author

E-mail: bader.matyas@uni-sopron.hu

Róbert NÉMETH co-author

E-mail: nemeth.robert@uni-sopron.hu

ELECTRONIC SUPPLEMENTARY MATERIAL 1

Change of selected mechanical properties with each 1% change of moisture content (valid in the moisture content range in brackets, rounded to 0.5). Complementary table to Table 1. Abbreviations: FSP-Fiber saturation point

Shear strength	Hardness (end-grain)	Hardness (side)	Impact strength	Twisting	
2-4% (10-25%)	- -	- -	- -	3% -	Vorreiter (1949)
3% (8%-FSP)	4% (0%-FSP)	2.5% (0%-FSP)	- -	2%* (5%-FSP)	Kollmann (1951)
- -	2.5% (0%-30%)	2.5% (0%-30%)	- -	- -	Lohmann et al. (1987)
- -	- -	- -	- -	- -	Skaar (1988)
- -	3%* (0%-FSP)	2.5%* (0%-FSP)	1.5%* (5%-FSP)	- -	Niemz (1993)
3% -	- -	- -	- -	- -	Sitkei (1994)
3% (8%-FSP)	4% (0%-FSP)	2.5% (0%-FSP)	2.5% (0%-FSP)	- -	Molnár (2004)
3% (0%-FSP)	4% (0%-FSP)	2.5% (0%-FSP)	- -	- -	Winandy and Rowell (2005)

*If FSP is considered as 25%

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