



ARBOR
WOOD CO.

THERMALLY MODIFIED POPLAR MECHANICAL PROPERTIES

Arbor Wood Co.

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arborwoodco.com



**MECHANICAL PROPERTIES FOR THERMALLY
MODIFIED POPLAR**

ASTM D143- Static Bending	
Max Flexure Load	(lbf)
Mean	328.73
Max. Compression	410.58
Min.	256.59
ASTM D143- Hardness	
Compressive Load at 0.25 in.	(lbf)
Mean	642.08
Max.	973.71
Min.	364.34
ASTM D143- Cleavage/ Split Resistance	
Tensile Load	(lbf)
Mean	121.06
Max.	168.19
Min.	50.59
ASTM D2395- Moisture content, Specific Gravity	
Volume by Measurement	
Average Moisture Content	3.77%
Average Standard Deviation	0.30
Density reading	
	lb/ft³
Mean	30.63
Max.	34.09
Min.	25.50