



ARBOR
WOOD CO.

THERMALLY MODIFIED PINE MECHANICAL PROPERTIES

Arbor Wood Co.

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arborwoodco.com



**MECHANICAL PROPERTIES FOR
THERMALLY MODIFIED PINE**

ASTM D143- Static Bending	
Max Flexure Load	(lbf)
Median	263.44
Max. Compression	413.29
Min.	160.48
ASTM D143- Hardness	
Compressive Load at 0.25 in.	(lbf)
Median	786.40
Max.	1131.23
Min.	514.86
ASTM D143- Cleavage/ Split Resistance	
Tensile Load	(lbf)
Median	151.00
Max.	180.60
Min.	83.70
ASTM D2395- Moisture content, Specific Gravity	
Volume by Measurement	
Average Moisture Content	5.08%
Average Specific Gravity	0.580
Density reading	
Median	58.73
Max.	65.40
Min.	50.11