

Lab. Report No. PMS-2014 (PMS-77)-77: **HARDNESS AND COMPRESSION STRENGTH PARALLEL TO SURFACE TESTS OF PALMECO BOARD SUBMITTED SAMPLES AT DIFFERENT THICKNESS <sup>1/</sup>**

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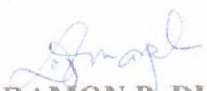
TYPE OF TEST	TEST RESULT			
	Palmeco Board (mm)			
	3	6	9	12
Hardness (kN) <sup>2/</sup>	1.37	1.70	2.02	2.47
Compression Strength Parallel to Surface (MPa) <sup>3/</sup>	2.10	1.79	1.90	1.97

<sup>1/</sup> Determined in Accordance with ASTM D1037-99: Standard Methods for Evaluating Properties of Wood-Base Fiber and Particle Panel Materials.

<sup>2/</sup> Load required to embed a 11.28 mm steel ball to 1/2" its diameter.  
 kN = 224.81 Pounds

<sup>3/</sup> MPa = 145.0377 psi


Tested by: Physics and Mechanics Section (MSD-FPRDI-DOST)  
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