COMPRESSION TEST REPORT

Client: Honcho Supplies
ATTENTION: Nikki Willard
PO Box 242
FIVE DOCK NSW 2046

Job No: 15955
Test Date: 09/11/2020

Specimen Description:	Four (4) HC8MD85 board samples, 100mm x 100mm x 4.3mm thick.		
Test Machine:	Shimadzu AGS-X 300 kN UTM	**Test Speed:**	5 mm/min

Results:

The force vs displacement results of the four samples tested is shown in Figure 2. The maximum compressive force and final thickness after compression for each sample are shown in Table 1. The samples were compressed until the distance between the compression platens was approximately 2 mm to account for the thickness of the collapsed board.

The HC8MD85 board samples achieved a minimum compressive force of 13.5 kN, equivalent to 1.37 tonne, at maximum compression. No clear yielding of the material was observed. The samples were permanently deformed to a final thickness of 3.42 – 3.78 mm.

Table 1. Compressive Strength Results

Specimen ID	Maximum Compressive Force (kN)	Initial thickness prior to testing (mm)	Final thickness after testing (mm)
HC8MD85-1	14.1	4.33	3.65
HC8MD85-2	13.5	4.24	3.42
HC8MD85-3	13.8	4.29	3.76
HC8MD85-4	14.6	4.19	3.78

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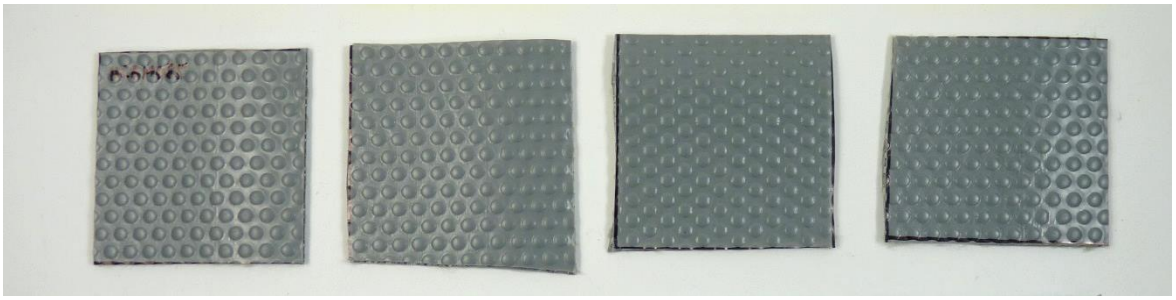

Figure 1. Test Samples.

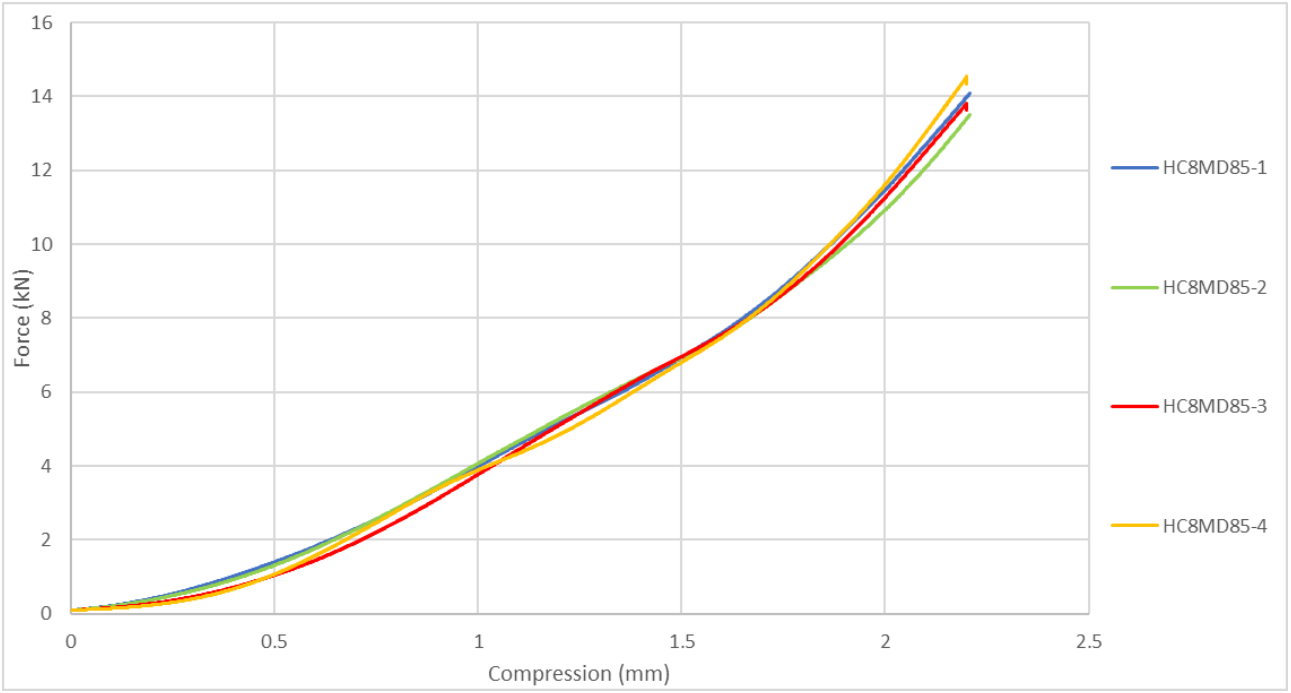

Figure 2. Test Results.

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