

**SUMMARY DATA**

**ASTM C1185-08(2016), Standard Test Methods for Sampling and Testing  
 Non-Asbestos Fiber-Cement Flat Sheet, Roofing and Siding Shingles, and Clapboards  
 Section 5: Flexural Strength (Modulus of Rupture)**

Client: Chu & Son  
 Job Number: CHSN062618-22  
 Test Location: *NTA, Inc.  
 Nappanee, Indiana*

Constructed By: Melissa Johnson  
 Performed By: Melissa Johnson  
 Witnessed By: Caleb Hunsberger

**General:**

Date Received: 6/27/2018  
 Construction Date: 8/1/2018  
 Conditioning: Start Date: 8/1/2018  
 End Date: 8/8/2018  
 Test Date: 8/9/2018

**Conditioning Environment (Equilibrium):**

Start Temp. (°F): 72.1 RH (%) 49.5  
 End Temp. (°F): 72.8 RH (%) 48.5

**Product Description:**

Manufacturer: Chu & Son  
 Trade Name: Dragon Board  
 Material Description: 6-in x 12-in x 18mm nominal thickness Dragon Board  
 Product Certifications: none  
 Product Type: Flat Sheet

**Apparatus:**

	Asset No.
Sensor (Conditioning):	00000
Tape:	01448
Calipers:	01780
Balance:	00003
Load Frame:	00140
Load Cell:	00151
Load Fixture:	01149
Support Fixture:	01149
Tape:	01448
Sensor (Test):	00576
Dial Indicator:	N/A

**Test Results:**

Test Variable: None  
 Modifications: None

Load Rate (in./min.): 1.25  
 Span (in.): 10

Ambient Temp. (°F): 72.5  
 Ambient RH (%): 51.2

**Table A1: Summary of Results**

	Flexural Strength (psi)	Breaking Moment (ft·lbf/ft)	Modulus of Elasticity (psi)
<b>Average:</b>	1,901	157	916,558
<b>St. Dev.:</b>	166	14	83,486
<b>COV:</b>	8.73%	9.17%	9.11%

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