



Client Ref. : --
Report No. : 220501ST220118(4)A

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REPORT ON DETERMINATION OF TENSILE STRENGTH AND ELONGATION AT BREAK

Information Supplied by Client

Client : Fountain WPC Company Limited
Project : Testing of Recycled Timber
Sample Description : Recycle Timber

Laboratory Information

Lab. Sample I.D. : ST220118/19-23
Date Received : 10 March 2022
Date Tested : 24 March 2022
Speed Rate : 2 mm/min
Gauge Length : 50 mm
Test Method : ASTM D638-14

Test Results

Lab. Sample I.D.	Width of Sample (mm)	Thickness of Sample (mm)	Maximum Force (N)	Tensile Strength (MPa)	Elongation at Break (%)
ST220118/19	19.14	13.72	5414	20.62	0.81
ST220118/20	18.97	13.86	5450	20.73	0.99
ST220118/21	18.68	13.37	4868	19.49	0.71
ST220118/22	19.27	13.24	5061	19.84	1.01
ST220118/23	19.53	13.40	4969	18.99	0.86
			Average	19.93	0.88
			Standard Deviation	0.74	0.13

Remarks : 1.) The test results relate only to the samples tested.
2.) The results apply to the sample as received.
3.) The test samples are shown in the photograph on page 2 of this report.
4.) This report is to supersede our previous test report no. 220501ST220118(4).

Checked by :  Date : 26 JUL 2023 Certified by :  Date : 26 JUL 2023

Chan Chun Wai Ivan
Manager (Product Testing Laboratory)

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End of Report