



LABORATORY REPORT

Green Products Industries Ltd.
P.O.Box: 10266
Manama, Kingdom of Bahrain

Report No: WLRP17-0588/1
Sample No: WSP17-0588/1
Date of Report: 15/05/2017

Introduction: Further to the request received from M/s. Green Products Industries Ltd. dated on 23rd April 2017, a sample of PIR Core was tested for physical parameters.

Sample description : PIR Core 300 X 300 X 50 mm
Sample received date : 23/04/2017
Date Test Completed : 10/05/2017
Tested by : SK

Dimensional Stability

Test Method: ASTM C1289
Temperature: 70°C
Relative Humidity: 50±5%
Duration: 24 hours

Test	Unit	Result
Dimensional Stability	%	0.55

Compressive Strength

Test Method: ASTM C1289
Temperature: 23±2°C, R. Humidity: 50±5%

Specimen Number	Length (mm)	Width (mm)	Thickness (mm)	Compressive strength (kPa)
1	50.0	50.0	50.0	168
2	50.0	50.0	50.0	155
3	50.0	50.0	50.0	159
Average				161

Flexural Strength & Break Load

Test Method: ASTM C1289
Temperature: 23±2, R. Humidity: 50±5%

Sample Reference	Width (mm)	Thickness (mm)	Span (mm)	Break Load (N)	Flexural Strength (KPa)
WSP17-0588	75.0	50.0	200	117.5	188
	75.0	50.0	200	126.9	203
	75.0	50.0	200	123.8	198
	Average				196

