

**TEST REPORT ON STEADY-STATE THERMAL TRANSMISSION  
PROPERTIES BY MEANS OF THE HEAT FLOW METER APPARATUS**

Client Name	Smith Line Reinforced Composites FZ-LLC PO Box:6523 Ras Al Khaimah, UAE		
Project Name	N.G	Lab Report No.	WLRP20-3725/4
Sample Description	GRP	Sample No.	WSP20-3725
Source	Smith Line Reinforced Composites FZ-LLC	Date Received	29/12/2020
Test Method	ASTM C 518-2010	Test Date	17/01/2021
Conditioning Procedure	ASTM C 518; Clause 7.3	Test Completion Date	17/01/2021
Duration of test	135 Minutes	Date Reported	18/01/2021
Client Reference	N.G	Tested By	SU

**Test Results**

Test	Unit	Specimen 1
Orientation and Heat Flux Direction	-	Vertical and Up
Specimen Thickness	mm	10.6
Mean Temperature	°C	35
Thermal Conductivity	W/mK	0.1536
Thermal Resistance	m <sup>2</sup> K/W	0.0690

**Conditioning Procedure:** Conditioned at 23°C temperature for a duration at which the weight difference is less than 1.0%.

**Remarks:** None.

Signed for and on behalf of Wimpey Laboratories

S. Sarath Kumar  
Senior Technician

Test results relate only to the samples tested

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