



Test Report

No.: SL119002115699TX

Date: Mar 08, 2019

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EXPED AG
HARDSTRASSE 81
ZURICH,8004,SWITZERLAND

The following samples were submitted and identified on behalf of by the buyer as:

Three samples of DownMat UL Winter (LOT8170) marked as (A1)(A2)(A3)

Brand	:	EXPED
End Use	:	Camping Mat
Lot No.	:	9110
Season	:	2020
Children Sleepwear	:	No
Country Of Origin	:	Taiwan
Sample Receiving Date	:	Feb 20, 2019
Test Performing Period	:	Feb 20, 2019 – Mar 08, 2019
Test Performed	:	Selected test(s) as requested by applicant against specified requirement (details please refer to result page(s)).
	*	* * *
Test Results	:	Please refer to the next page(s).

Signed for and on behalf of
SGS Hong Kong Ltd.

Ng Siu Lun, Roy
Assistant Technical Manager

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Test Results :

Thermal Resistance of Sleeping Pad (ASTM F3340-18)

Test conditions:

Ambient temperature: 20±0.5°C

Relative humidity: 35±5%

Hotplate temperature: 35±0.1°C

Cold plate temperature: 5±0.1°C

Inner pressure before compression: 3.5±0.2 kPa

External pressure: 2.0±0.1 kPa

Result:

Sample	R-value (ft ² ·°F·h/Btu)			Average
	Location 1 (head end)	Location 2 (foot end)	Location 3 (center)	
Sample A1	6.67	7.56	6.67	6.96
Sample A2	7.09	7.90	6.97	7.32
Sample A3	6.72	7.64	6.89	7.08

Remark:

1. The higher the R-value of the sleeping pad sample, the better the thermal insulation.

Photo:

Sample: A1



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Sample: A2



Sample: A3



*** End of Report ***

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