



Test Report

No.: SL118103053913TX

Date: Jan 23, 2019

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EXPED AG
HARDSTRASSE 81
ZURICH,8004,SWITZERLAND

The following sample was submitted and identified by the client as:

One sample of MegaMat 10MW

| | | |
|------------------------|---|--|
| Brand | : | Exped |
| End Use | : | Camping Mat |
| Season | : | 2020 |
| Children Sleepwear | : | No |
| Country Of Origin | : | Taiwan |
| Sample Receiving Date | : | Dec 13, 2018 |
| Test Performing Period | : | Dec 13, 2018 – Jan 23, 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: 21±0.5°C

Relative humidity: 65±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) | | | |
|-----------------------|-------------------------------------|--------------------------|------------------------|---------|
| | Location 1 (head end) | Location 2 (foot end) | Location 3 (center) | Average |
| Sample A1 (full size) | 8.29 | 8.12 | 8.00 | 8.14 |
| Sample A2 (full size) | 7.78 | 7.97 | 8.07 | 7.94 |
| Sample A3 (full size) | 8.19 | 8.02 | 8.36 | 8.19 |

Remark:

1. The higher the R-value of the sleeping pad sample, the better the thermal insulation.
2. No. of specimen used per sample: 3

Photo of sample:

Sample A1



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Sample A2



Sample A3



*** End of Report ***

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