



# TEST REPORT

No. : SHIN181103247CCM

Date : Nov. 19, 2018

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CUSTOMER NAME: K-FLEX MALAYSIA SDN BHD  
 ADDRESS: LOT 2752 JALAN RAJA NONG, TAMAN KLANG JAYA, 41200 KLANG,  
 SELANGOR D.E., MALAYSIA

Sample Name : K-FLEX K-PROTECT  
 Product specification : SEE ATTACHED FOR THE LEAFLET  
 Material and Mark : CROSS LINKED CLOSED CELL POLYOLEFIN FOAM INSULATION  
 Manufacturer : K-FLEX MALAYSIA

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

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Test Required : Thermal conductivity  
 Test Method : ASTM C518-17  
 Date of Receipt : Nov. 09, 2018  
 Testing Start Date : Nov. 09, 2018  
 Testing End Date : Nov. 16, 2018  
 Test result(s) : For further details, please refer to the following page(s)  
 (Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for  
 SGS-CSTC Standards Technical  
 Services (Shanghai) Co., Ltd.

Erin Huang  
 Authorized signatory



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 Testing Center Commercial Services / Material Laboratory

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 中国·上海·浦东康桥东路1159弄69号 邮编:201319 t(86-21)61196300 f(86-21)61191853/68183920 e sgs.china@sgs.com





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### Summary of Result(s):

No.	Test Item	Test Method	Result	Conclusion
1	Thermal conductivity	ASTM C518-17	0.032 W/(m·K)	/

Note: Pass: Meet the requirements;  
 Fail: Does not meet the requirements;  
 /: Not Apply to the judgment.



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 Testing Center Commercial Construction Material Laboratory

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Test item: Thermal conductivity

Test method: ASTM C518-17

Test condition:

Specimen: 297mm×292mm×24.9mm, 1pc

Density: about 46.4kg/m<sup>3</sup>

Mean temperature: 23°C

Temperature difference: 20°C

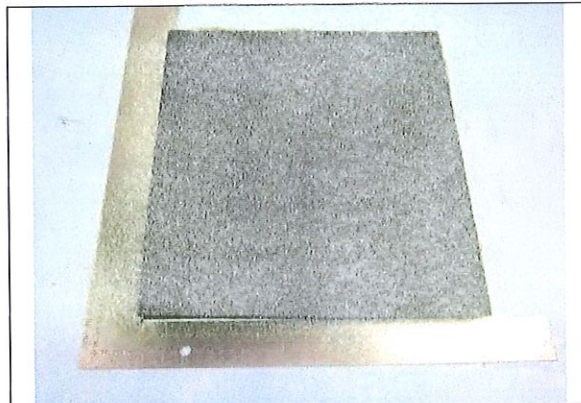
Lab environmental condition: 23±2°C, 50±5%RH

Test result:

Test Item	Test Result
Thermal conductivity	0.032 W/(m·K)

Note: The test result can not be compared with other results obtained from different test conditions and should not be cited to the use condition directly.

Specimen photo(s):



\*\*\*\*\* End of report\*\*\*\*\*



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