

TEST REPORT

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This Test Report refers only to samples submitted by the applicant to SIRIM QAS International Sdn. Bhd. and tested by SIRIM QAS International Sdn. Bhd. This Test Report shall not be reproduced, except in full and shall not be used for advertising purposes by any means or forms without written approval from Managing Director of SIRIM QAS International Sdn. Bhd. Please refer overleaf for conditions to the use of Test Report.	

Applicant/
Manufacturer

INSULFLEX CORPORATION SDN. BHD.

Lot 6 & 8, Jalan P/1,
Kawasan Perusahaan Bangi,
43650 Bandar Baru Bangi,
Selangor Darul Ehsan,
(Attn: Mr. Peh Cheng Heng)

Product

: **CLOSED CELL RUBBER INSULATION MATERIALS**

Reference Standard/
Method of Test

: BS 476: Part 6: 1989
Fire Test on Building Materials and Structures
Part 6: Method of Test for Fire Propagation for Products.

Description of test
specimen

: 3 pieces of Closed Cell Rubber Insulation Materials.
Size of Specimen : 225mm × 225mm × 6.0 mm (measured thickness)
Brand : INSULFLEX
Model : Class O Sheet
Type : Sheet
Nominal Thickness : 6.0 mm
Nominal Density : 130 kg/m³
Measured Density : 121 kg/m³

The specimens were tested with the face side exposed to the specified heating condition of the fire test.

The test specimens were sampled by En. Mohamad Luthfi Zainuddin of Product Certification Section, SIRIM QAS International Sdn. Bhd. on 07.03.2011. The test was requested through PP2 Form Ref. No. LI009301 dated 11.03.2011.

Date of test

: 04.05.2011

Date received

: 04.04.2011

Job No./ Ref No.

: J20111280084 /SQAS/FPS/15/1-5

Test Result

Subindex i1	Subindex i2	Subindex i3	Fire Propagation Index (I)
0.2	2.5	0.4	3.1

Issued date

: 19 MAY 2011

KAMARULZAMAN MAT ZIN
Testing Executive



ZAINI AHMAD
Group Leader

Fire Protection Section
Testing Services Department
SIRIM QAS International Sdn. Bhd.

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Product : CLOSED CELL RUBBER INSULATION MATERIALS
Brand : INSULFLEX **Measured Thickness** : 6.0 mm
Model : Class O Sheet **Nominal Density** : 130 kg/ m³
Type : Sheet **Measured Density** : 121 kg/ m³
Nominal Thickness : 6.0 mm **Date of Test** : 04.05.2011

Time (Min.)	Temperature Rise Above Ambient (°C)				
	Calibration	Specimen A	Specimen B	Specimen C	Specimen Average
0.5	15	15	14	15	14
1.0	21	20	22	20	21
1.5	23	25	26	21	24
2.0	27	25	28	24	26
2.5	30	27	31	27	28
3.0	34	31	35	32	33
4.0	73	70	69	68	69
5.0	101	137	133	132	134
6.0	125	173	156	161	163
7.0	142	176	165	169	170
8.0	158	187	177	180	181
9.0	173	202	188	193	194
10.0	183	209	199	204	204
12.0	200	224	213	217	218
14.0	217	235	221	229	228
16.0	226	244	230	234	236
18.0	232	248	238	242	242
20.0	237	255	241	246	247
Subindex 1		0.1	0.5	0.0	0.2
Subindex 2		3.0	2.1	2.3	2.5
Subindex 3		0.6	0.2	0.4	0.4
Index of Performance		3.7	2.8	2.7	3.1



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Date of Test : 04.05.2011

No. of Specimen Tested : 3 nos.

The Fire Propagation Index **I** is **3.1** for the Closed Cell Rubber Insulation Materials with known density of 121 kg/m³ and measured thickness of 6.0 mm.

The Subindex i1 is 0.2

The Subindex i2 is 2.5

The Subindex i3 is 0.4

The test results relate only to the behavior of the test specimens of the product under the particular conditions of test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.



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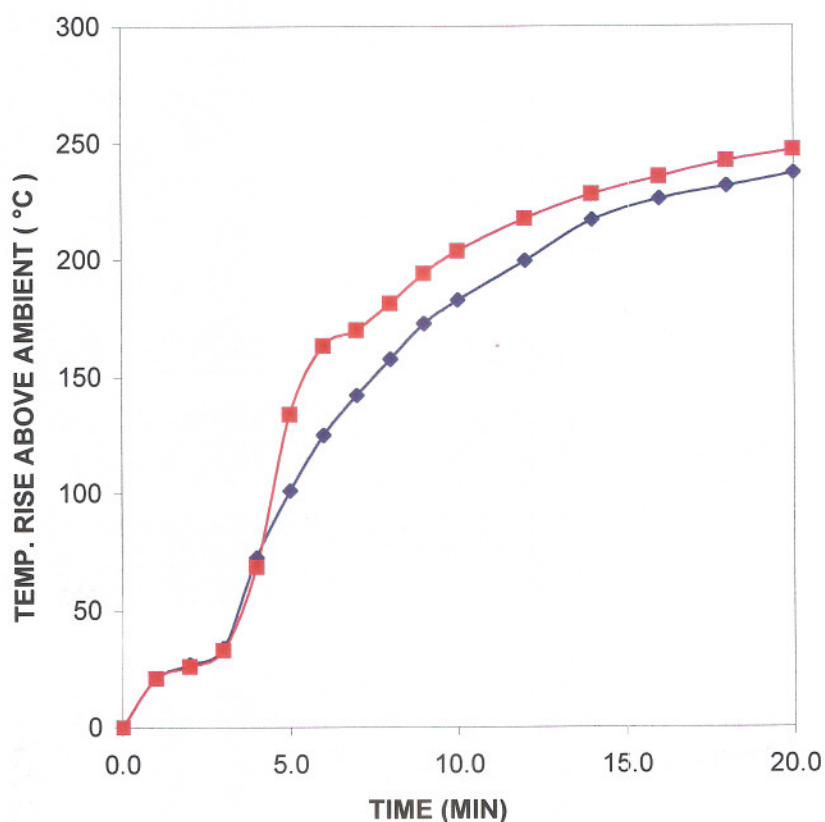
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Product	: CLOSED CELL RUBBER INSULATION MATERIALS		
Brand	: INSULFLEX	Measured Thickness	: 6.0 mm
Model	: Class O Sheet	Nominal Density	: 130 kg/ m ³
Type	: Sheet	Measured Density	: 121 kg/ m ³
Nominal Thickness	: 6.0 mm	Date of Test	: 04.05.2011



—◆— Calibration —■— Closed Cell Rubber Insulation Materials



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