

# Evidence of Performance

## Thermal conductivity



**Test Report**  
**No. 17-004065-PR01**  
(PB-K03-06-en-01)

<b>Client</b>	Hutchinson S.N.C. Le Pommarin- B.P. 17 38430 Moirans France
<b>Product</b>	Polymer material
Designation	Vegaprene®
Performance-relevant product details	Item number <b>Compact 7011</b> ; Thickness in mm <b>2.5</b> ; Width in mm <b>70</b> ; Length in mm <b>270</b> ; Material <b>TPV-(EPDM+PP)</b> ; Colour <b>natural, white</b> ; Cell gas composition <b>Air 99%</b> ; Density in kg/m <sup>3</sup> <b>Approx. 896</b> ; Closed pore structure <b>Closed pore</b> ; Application <b>Seals / gaskets</b>
Conditioning / ageing	Before testing, the test specimens have been aged at <b>70°C</b> for <b>14 days</b> . After this they were conditioned at atmosphere <b>23 °C / 50 % air humidity</b> .
Special features	Multiple profiles were fixed together to create total specimen size.

### Basis \*)

In general accordance to:  
EN 12667:2001-01

\*) Correspond/s to the national standard/s  
(e.g. DIN EN)

### Representation



Photo of the specimen.

### Instructions for use

The test report serves to demonstrate the thermal conductivity  $\lambda_{10}$ .

### Results

#### Thermal conductivity



$$\lambda_{10} = 0.15 \text{ W/(m} \cdot \text{K)}$$

### Validity

The data and results given refer solely to the tested and described specimen. This test/evaluation does not allow any statement to be made on any further characteristics regarding performance and quality of the construction presented; in particular the effects of weathering and ageing were not taken into account.

### Notes on publication

The ift-Guidance Sheet "Conditions and Guidance for the Use of ift Test Documents" applies. The cover sheet can be used as an abstract.

### Contents

The report contains a total of 6 pages and annex (1 page).

**ift Rosenheim**  
13.03.2018

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Building Physics

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Operating Testing Officer  
Building Physics

# Evidence of Performance

## Thermal conductivity



**Test Report**  
**No. 17-004065-PR02**  
(PB-K03-06-en-01)

<b>Client</b>	Hutchinson S.N.C. Le Pommarin- B.P. 17 38430 Moirans France
<b>Product</b>	Polymer material
Designation	Vegaprene®
Performance-relevant product details	Item number <b>Compact 7012</b> ; Thickness in mm <b>2.5</b> ; Width in mm <b>70</b> ; Length in mm <b>270</b> ; Material <b>TPV-(EPDM+PP)</b> ; Colour <b>natural, white</b> ; Cell gas composition <b>--</b> ; Density in kg/m <sup>3</sup> <b>Approx. 902</b> ; Closed pore structure <b>Closed pore</b> ; Application <b>Seals / gaskets</b>
Conditioning / ageing	Before testing, the test specimens have been aged at 70°C for 14 days. After this they were conditioned at atmosphere 23 °C / 50 % air humidity.
Special features	Multiple profiles were fixed together to create total specimen size.

### Basis \*)

In general accordance to:  
EN 12667:2001-01

\*) Correspond/s to the national standard/s (e.g. DIN EN)

### Representation



Photo of the specimen.

### Instructions for use

The test report serves to demonstrate the thermal conductivity  $\lambda_{10}$ .

### Validity

The data and results given refer solely to the tested and described specimen. This test/evaluation does not allow any further characteristics regarding performance and quality of the construction presented; in particular the effects of weathering and ageing were not taken into account.

### Notes on publication

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### Results

#### Thermal conductivity



$$\lambda_{10} = 0.15 \text{ W/(m} \cdot \text{K)}$$

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13.03.2018

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# Evidence of Performance

## Thermal conductivity



**Test Report**  
**No. 17-004065-PR03**  
(PB-K03-06-en-01)

<b>Client</b>	Hutchinson S.N.C. Le Pommarin- B.P. 17 38430 Moirans France
<b>Product</b>	Polymer material
Designation	Vegaprene®
Performance-relevant product details	Item number Cellular 7011; Thickness in mm 2.5; Width in mm 70; Length in mm 270; Material TPV-(EPDM+PP); Colour Black; Cell gas composition Air 99%; Density in kg/m³ Approx. 694; Closed pore structure Closed pore; Application Seals / gaskets
Conditioning / ageing	Before testing, the test specimens have been aged at 70°C for 14 days. After this they were conditioned at atmosphere 23 °C / 50 % air humidity.
Special features	Multiple profiles were fixed together to create total specimen size.

### Basis \*)

In general accordance to:  
EN 12667:2001-01

\*) Correspond/s to the national standard/s (e.g. DIN EN)

### Representation



Photo of the specimen.

### Instructions for use

The test report serves to demonstrate the thermal conductivity  $\lambda_{10}$ .

### Validity

The data and results given refer solely to the tested and described specimen. This test/evaluation does not allow any further characteristics regarding performance and quality of the construction presented; in particular the effects of weathering and ageing were not taken into account.

### Notes on publication

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### Results

#### Thermal conductivity



$$\lambda_{10} = 0.12 \text{ W/(m} \cdot \text{K)}$$

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# Evidence of Performance

## Thermal conductivity

### Test Report

No. 17-004065-PR04

(PB-K03-06-en-01)



Client	Hutchinson S.N.C. Le Pommarin- B.P. 17 38430 Moirans France
Product	Polymer material
Designation	Vegaprene®
Performance-relevant product details	Item number <b>Celular 7012</b> ; Thickness in mm <b>2.5</b> ; Width in mm <b>70</b> ; Length in mm <b>270</b> ; Material <b>TPV-(EPDM+PP)</b> ; Colour <b>Black</b> ; Cell gas composition <b>--</b> ; Density in kg/m <sup>3</sup> <b>Approx. 718</b> ; Closed pore structure <b>Closed pore</b> ; Application <b>Seals / gaskets</b>
Conditioning / ageing	Before testing, the test specimens have been aged at <b>70°C</b> for <b>14 days</b> . After this they were conditioned at atmosphere <b>23 °C / 50 %</b> air humidity.
Special features	Multiple profiles were fixed together to create total specimen size.

### Basis \*)

In general accordance to:

EN 12667:2001-01

\*) Correspond/s to the national standard/s (e.g. DIN EN)

### Representation



Photo of the specimen.

### Instructions for use

The test report serves to demonstrate the thermal conductivity

$\lambda_{10}$ .

### Validity

The data and results given refer solely to the tested and described specimen. This test/evaluation does not allow any further characteristics regarding performance and quality of the construction presented; in particular the effects of weathering and ageing were not taken into account.

### Notes on publication

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### Results

#### Thermal conductivity



$$\lambda_{10} = 0.12 \text{ W/(m} \cdot \text{K)}$$

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13.03.2018

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# Evidence of Performance

## Thermal conductivity



**Test Report**  
**No. 17-004065-PR05**  
(PB-K03-06-en-01)

<b>Client</b>	Hutchinson S.N.C. Le Pommarin- B.P. 17 38430 Moirans France
<b>Product</b>	Polymer material
Designation	Vegaprene®
Performance-relevant product details	Item number Cellular 238; Thickness in mm 2.5; Width in mm 70; Length in mm 270; Material TPV-(EPDM+PP); Colour Black; Cell gas composition --; Density in kg/m³ Approx. 872; Closed pore structure Closed pore; Application Seals/ gaskets
Special features	Before testing, the test specimens have been aged at 70°C for 14 days. After this they were conditioned at atmosphere 23 °C / 50 % air humidity. Multiple profiles were fixed together to create total specimen size.

### Basis \*)

In general accordance to:  
EN 12667:2001-01

\*) Correspond/s to the national standard/s (e.g. DIN EN)

### Representation



Photo of the specimen.

### Instructions for use

The test report serves to demonstrate the thermal conductivity  $\lambda_{10}$ .

### Validity

The data and results given refer solely to the tested and described specimen. This test/evaluation does not allow any further characteristics regarding performance and quality of the construction presented; in particular the effects of weathering and ageing were not taken into account.

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### Results

#### Thermal conductivity



$$\lambda_{10} = 0.14 \text{ W/(m} \cdot \text{K)}$$

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