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



Hutchinson S.N.C. Basis *) Client Le Pommarin- B.P. 17 38430 Moirans France Polymer material Product Designation Vegaprene® Performance-relevant Item number Compact 7011; Thickness in mm 2.5; Width in mm product details 70; Length in mm 270; Material TPV-(EPDM+PP); Colour natural, white; Cell gas composition Air 99%; Density in kg/m3 Approx. 896; 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. λ_{10} .

Results

Thermal conductivity



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

In general accordance to: EN 12667:2001-01 *) Correspond/s to the national standard/s (e.g. DIN EN)

Representation

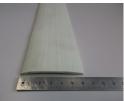


Photo of the specimen

Instructions for use

The test report serves to demonstrate the thermal conductivity

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

Konrad Huber, Dipl.-Ing. (FH) Head of Testing Department **Building Physics**

Stefan Junker, Dipl.-Ing. (FH) Operating Testing Officer **Building Physics**

ift Rosenheim GmbH Theodor-Gietl-Str. 7-9 D-83026 Rosenheim

Kontakt Tel. +49.8031.261-0 Fax +49.8031.261-290 www.ift-rosenheim.de Prüfung und Kalibrierung – EN ISO/IEC 17025 Inspektion – EN ISO/IEC 17020 Zertifizierung Produkte – EN ISO/IEC 17065 Zertifizierung Managementsysteme – EN ISO/IEC 17021

Notified Body 0757 PÜZ-Stelle: BAY 18



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



Hutchinson S.N.C. Basis *) Client Le Pommarin- B.P. 17 In general accordance to: 38430 Moirans EN 12667:2001-01 *) Correspond/s to the national standard/s (e.g. DIN EN) France Representation Polymer material Product Designation Vegaprene® Performance-relevant Item number Compact 7012; Thickness in mm 2.5; Width in mm product details 70; Length in mm 270; Material TPV-(EPDM+PP); Colour natural, white; Cell gas composition --; Density in kg/m³ Approx. 902; 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.

Results

Thermal conductivity



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

ift Rosenheim 13.03.2018

Konrad Huber, Dipl.-Ing. (FH) Head of Testing Department **Building Physics**

Stefan Junker, Dipl.-Ing. (FH) Operating Testing Officer **Building Physics**



ift Rosenheim GmbH Theodor-Gietl-Str. 7-9 D-83026 Rosenheim

Kontakt Tel. +49.8031.261-0 Fax +49.8031.261-290 www.ift-rosenheim.de Prüfung und Kalibrierung – EN ISO/IEC 17025 Inspektion – EN ISO/IEC 17020 Zertifizierung Produkte – EN ISO/IEC 17065 Zertifizierung Managementsysteme – EN ISO/IEC 17021

Notified Body 0757 PÜZ-Stelle: BAY 18



Photo of the specimen

Instructions for use

The test report serves to demonstrate the thermal conductivity λ10.

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 5 pages and annex (1 page).

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



Hutchinson S.N.C. Basis *) Client Le Pommarin- B.P. 17 In general accordance to: 38430 Moirans EN 12667:2001-01 France Polymer material Product Designation Vegaprene® Performance-relevant Item number Cellular 7011; Thickness in mm 2.5; Width in mm product details 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.

Results

Thermal conductivity



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

ift Rosenheim 13.03.2018

Konrad Huber, Dipl.-Ing. (FH) Head of Testing Department **Building Physics**

Stefan Junker, Dipl.-Ing. (FH) Operating Testing Officer **Building Physics**



Photo of the specimen

Instructions for use

The test report serves to demonstrate the thermal conductivity λ10.

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 GmbH Theodor-Gietl-Str. 7-9 D-83026 Rosenheim

Tel. +49.8031.261-0 Fax +49.8031.261-290 www.ift-rosenheim.de

Prüfung und Kalibrierung – EN ISO/IEC 17025 Inspektion – EN ISO/IEC 17020 Zertifizierung Produkte – EN ISO/IEC 17065 Zertifizierung Managementsysteme – EN ISO/IEC 17021

Notified Body 0757 PÜZ-Stelle: BAY 18



Kontakt

Hutchinson S.N.C.

38430 Moirans

Le Pommarin- B.P. 17

Test Report No. 17-004065-PR04 (PB-K03-06-en-01)



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.

nstructions for use

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

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 5 pages and annex (1 page).

	France
Product	Polymer material
Designation	Vegaprene®
	Item number Celular 7012; 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/m ³ Approx. 718; 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.

Results

Client

Thermal conductivity



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

ift Rosenheim 13.03.2018

Konrad Huber, Dipl.-Ing. (FH) Head of Testing Department Building Physics

Stefan Junker, Dipl.-Ing. (FH) Operating Testing Officer Building Physics

ift Rosenheim GmbH Theodor-Gietl-Str. 7-9 D-83026 Rosenheim

Kontakt Tel. +49.8031.261-0 Fax +49.8031.261-290 www.ift-rosenheim.de Prüfung und Kalibrierung – EN ISO/IEC 17025 Inspektion – EN ISO/IEC 17020 Zertifizierung Produkte – EN ISO/IEC 17065 Zertifizierung Managementsysteme – EN ISO/IEC 17021

Notified Body 0757



Hutchinson S.N.C.

38430 Moirans

France

Le Pommarin- B.P. 17

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



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 $\lambda_{10}. \label{eq:lambda}$

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 5 pages and annex (1 page).

Product	Polymer material
Designation	Vegaprene®
	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/m ³ Approx. 872; Closed pore structure Closed pore; Application Seals/ gaskets
	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.

Results

Client

Thermal conductivity



 λ_{10} = 0.14 W/(m · K)

ift Rosenheim 13.03.2018

Konrad Huber, Dipl.-Ing. (FH) Head of Testing Department Building Physics

Stefan Junker, Dipl.-Ing. (FH) Operating Testing Officer Building Physics

Ve-PB0-2203-en (01.10.2012)

ift Rosenheim GmbH Theodor-Gietl-Str. 7-9 D-83026 Rosenheim

Kontakt Tel. +49.8031.261-0 Fax +49.8031.261-290 www.ift-rosenheim.de Prüfung und Kalibrierung – EN ISO/IEC 17025 Inspektion – EN ISO/IEC 17020 Zertifizierung Produkte – EN ISO/IEC 17065 Zertifizierung Managementsysteme – EN ISO/IEC 17021

Notified Body 0757

