

Product Information Sheet

Perfect Foil B.V.
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Product specifications

Product Name : **Ventana Fire Retardent** Softness : **Phr 46**
Product Code : **TFVESC50C1370FRB2**
Regulation : **Reach compliant** Pattern : **high embossed**
Color : **super clear** Thickness : **500micron**

Physical specifications

Particulars	Test Method	Unit	STD	Values
Thickness	10mm*50kpa	micron	475-525	476
Elongation @ break	ASTM D882-02	%	>200	MD:328.3 CD:341.4
Tensile Strength (speed:200mm/min)	ASTM D882-02	N/mm ²	>18	MD:25.9 CD:23.8
Dimensional Stability (Oven/10*80°C)	ASTM D1204-02	%	<=4	4
Specific Gravity		g/m ²	586~647	603
Weathering resistance - 1000hrs	ASTM D1499	/	Pass	Pass
Brittleness Temperature Test By Impact	ASTM D1790-02(-20°C)	/	Pass	Pass
FR standard	DIN4102-1 B2	/	Pass	Pass

Other requirement

Film length **50M/roll**

The physical properties shown above are average values obtained from tests by Perfect Foil BV. All data are believed to be correct but they do not constitute a warranty, expressed or implied, as to the condition, quality, and performance of a product for a specific use or application. The buyer or user should determine the suitability of the materials for the intended use. Perfect Foil BV assumes no liability for any damages or consequential loss from the use of its products.

Test date:21/8/2018

Tested by: Qc employee A / Checked by: QC employee B / Approved by: QC manager

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Product specifications

Product Name : **Ventana Fire Retardent** Softness : **Phr 46**
Product Code : **TFVESC75B1370FRB2**
Regulation : **Reach compliant** Pattern : **high embossed**
Color : **super clear** Thickness : **750micron**

Physical specifications

Particulars	Test Method	Unit	STD	Values
Thickness	10mm*50kpa	micron	712-788	737
Elongation @ break	ASTM D882-02	%	>200	MD:293.9 CD:301.8
Tensile Strength (speed:200mm/min)	ASTM D882-02	N/mm ²	>18	MD:25.9 CD:22.1
Dimensional Stability (Oven/10*80°C)	ASTM D1204-02	%	<=4.5	4
Specific Gravity		g/m ²	880~972	928
Weathering resistance - 1000hrs	ASTM D1499	/	Pass	Pass
Brittleness Temperature Test By Impact	ASTM D1790-02(-20°C)	/	Pass	Pass
FR standard	DIN4102-1 B2	/	Pass	Pass

Other requirement

Film length **30M/roll**

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Test date:20/8/2018

Tested by: Qc employee A / Checked by: QC employee B / Approved by: QC manager

TECHNICAL DATASHEET

Ventana B1



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Description	Family:	Glass Clear, soft PVC film
	Grain:	Shiny / Shiny
	Material:	Calandered soft PVC film
	Specific Gravity:	1,33 g/cm ³
	Commercial Name:	Ventana B1
	Standard Thickness:	480 µm
	Applications:	Window material, Marine Industry, Camping Industry

Specifications	Characteristics	Norm	Denomination	Tolerances		
				target	min.	max.
	Thickness *	ISO 2286-3	mm	0,480	0,456	0,504
	Basis Weight **	ISO 2286-2	g/m ²	628		
	Dimensional stability ***	DIN 53 377	%	MD -4.0		
	Tenstile stress at break ****	ISO 527-3/2/200	Mpa	MD	26	
				CD	24	
	Tenstile strain at break ****	ISO 527-3/2/200	%	MD	240	
				CD	260	
	Cold Crack Point	DIN EN 1876-2	°C	-10		

Burning behaviour:	DIN 4102-B1/ 0,48 mm - B18177 DIN 53 438/Part 2 K1/ 0,48 mm/ F1/0,48 M2 – P170313 –DE/2 (NF P 92 503 – 92 507)
* Measured value includes embossing (Frank 16502, push-button diameter 10 mm, pressure 50 kPa)	
** No quality relevant test characteristics, details refer to intended thickness.	
*** 10 minutes at +70°C (Heraeus UT 6 / UT 6060 (air circulation drying oven)). Marking distance: 200 mm (MD)	
**** Test specimen No. 2 (width 15 mm), test speed 200 mm/min, testing conditions: +23°C (□ 1°C). (Zwick BZ2.5/TN1S)	

* For specific production and it's technical data, please contact our sales department

Important note: Information given in this technical data sheet is based on our experience and therefore doesn't imply any guarantee on the usage of the material"