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order number: DIG07004

Customer:		Dinamik Isi ILtd. Şti. 1203/4 Sk. No.1/A Ege Ticaret Merkezi Yenişehir – İZMİR								
Product tested	Thickness			Relative humidity	Temperatur	Water vapor transmission rate	Water vapor transmission rate	Density ρ	Water vapor resistance factor μ	Equivalent airtightness s_d
	min	max	MW							
Dynaflex AL 19 mm	17,7	19,8	18,9	50	23	—	0,0077	34	163000	3080

Date: 17. July 2007

measured by: *Becker*

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order number: DIG07002

Customer: Dinamik Isi lLtd. Şti.
1203/4 Sk. No.1/A Ege Ticaret Merkezi
Yenişehir – İZMİR

Product tested	Thickness			Relative humidity	Temperatur	Water vapor transmission rate	Water vapor transmission rate	Density ρ	Water vapor resistance factor μ	Equivalent airtightness thickness s_d
	min	max	MW							
	mm	mm	mm	%	°C	g/(m*d)	g/(m ² *d)	kg/m ³	--	m
Dynaflex AL 19 x 28*	18,7	19,7	19,1	50	23	0,0032	0,023	41	55100	1050

Date: 17. July 2007

measured by:

Becker

* The calculation is based on the measured inner diameter of 29 mm.

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Determination of the thermal conductivity

Customer:	Dinamik Isi ILtd. Şti. 1203/4 Sk. No.1/A Ege Ticaret Merkezi Yenişehir – İZMİR
Product name:	Dynaflex AL • 19 x 28
Diameter of the test tube:	28,0 mm
Thickness:	19,1 mm
Density:	41 kg/m ³
Sample conditioning:	The sample has been tested like delivered.

mean temperature °C	results	thermal conductivity λ W/(m·K)
10,02		0,03656
20,26		0,03866
29,78		0,04079
39,55		0,04296

mean temperature °C	0	10	20	30	40
thermal conductivity W/(m·K)	0,034	0,037	0,039	0,041	0,043

Date: 17. July 2007

tested by:

Becke

Thermal conductivity of Dynaflex AL, 19 x 28.

