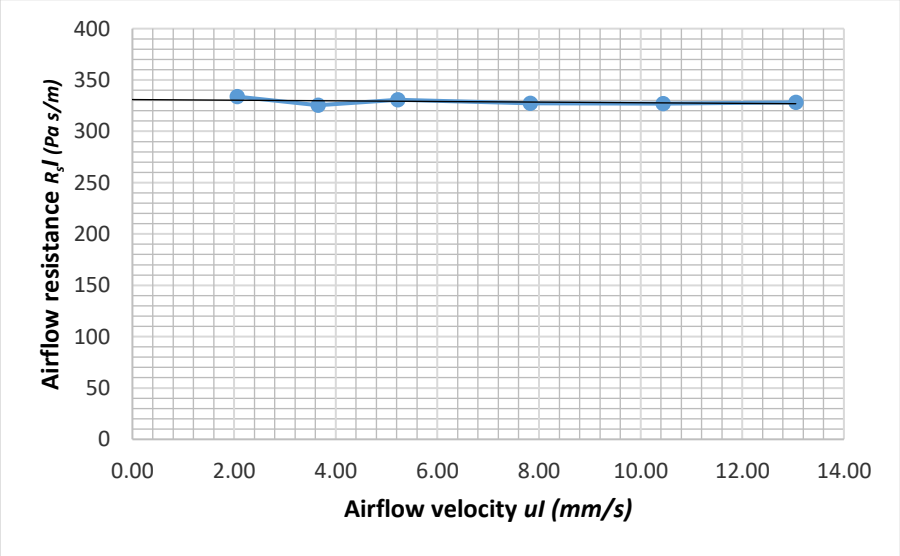
EN ISO 9053-1:2018 - Determination of airflow resistance

Direct airflow method

Client	Kvadrat		
Date:	29-08-25		
Fabric details	Type:	Keiga	
	Item number:	600779	
	Colour:	762	
	Manufacturer:	kvadrat	
	Batch:		
	Finish:		
Specimen	Sample:	1	
	Thickness:	1.75	mm
	Area specific mass:	549	g/m^2
	Diameter:	100	mm

ul (mm/s)	*R_sl (Pa s/m)*
13.05	328
10.44	327
7.83	327
5.22	331
3.65	325
2.06	334



Airflow resistance R_s = 331 Pa s/m

Summary of results:					
Sample:	1	2	3	**Mean:**	
Thickness:	1.75	1.78	1.79	**1.77**	**mm**
Area specific mass:	549	545	542	**545**	**g/m^2**
Airflow resistance R_s:	331	350	325	**335**	**Pa s/m**

Test conducted by Kvadrat SoftCells
Poznańska 3, 62-023 Gądki

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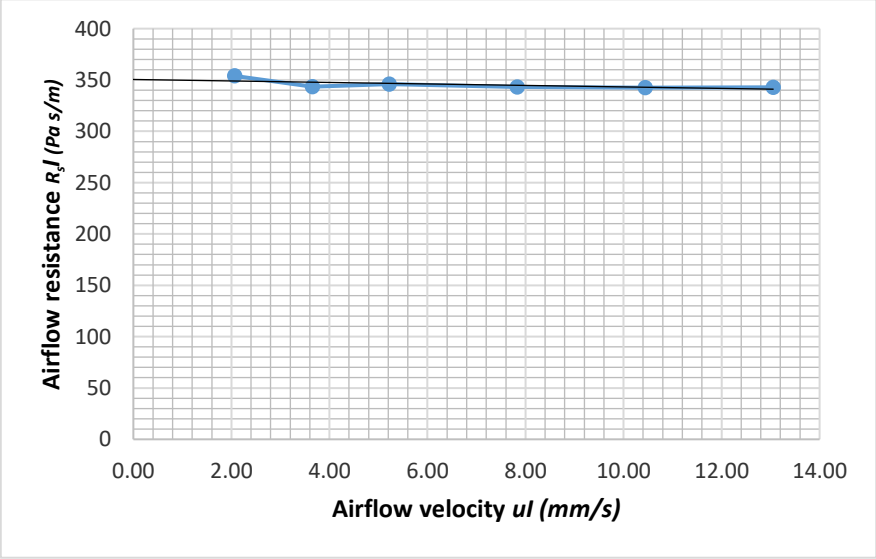
Direct airflow method

Client	Kvadrat		
Date:	29-08-25		
Fabric details	Type:	Keiga	
	Item number:	600779	
	Colour:	230	
	Manufacturer:	kvadrat	
	Batch:	0	
	Finish:	0	
Specimen	Sample:	2	
	Thickness:	1.78	mm
	Area specific mass:	545	g/m^2
	Diameter:	100	mm

uI (mm/s)	$R_s I$ *(Pa s/m)*
13.05	343
10.44	343
7.83	343
5.22	346
3.65	344
2.06	354



Airflow resistance R_s = 350 Pa s/m

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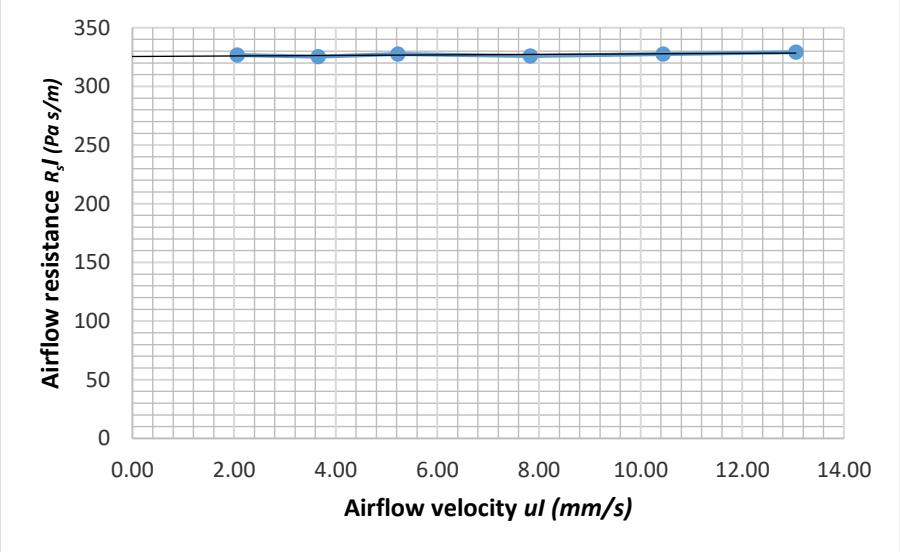
Direct airflow method

Client	Kvadrat		
Date:	29-08-25		
Fabric details	Type:	Keiga	
	Item number	600779	
	Colour:	970	
	Manufacturer:	kvadrat	
	Batch:	0	
	Finish:	0	
Specimen	Sample:	3	
	Thickness:	1.79	mm
	Area specific mass:	542	g/m^2
	Diameter:	100	mm

ul (mm/s)	*R_sl (Pa s/m)*
13.05	329
10.44	328
7.83	326
5.22	328
3.65	325
2.06	327



Airflow resistance R_s = 325 Pa s/m

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