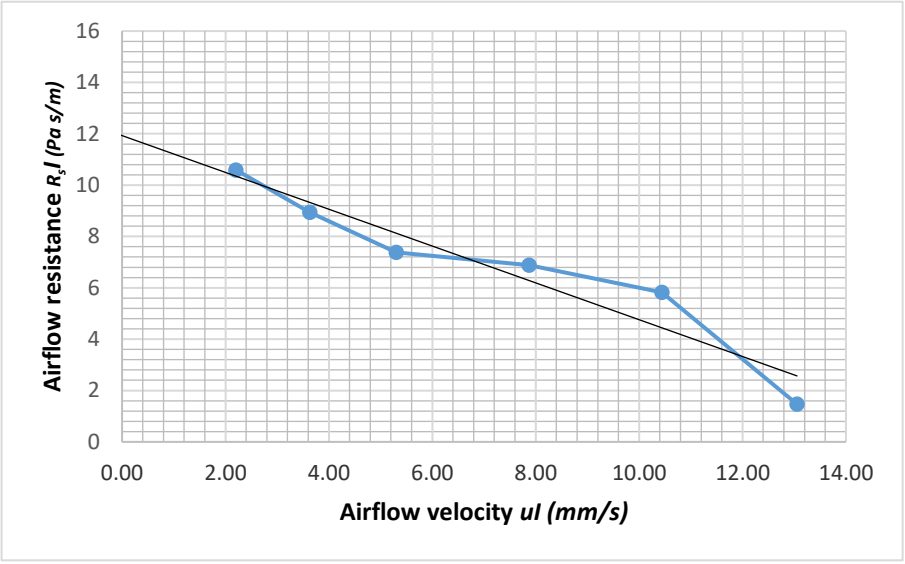
EN ISO 9053-1:2018 - Determination of airflow resistance

Direct airflow method

Client	Kvadrat	
Date:	17/05/2022	
Fabric details	Type:	Sheer
	Item number:	7110
	Colour:	1
	Manufacturer:	Kinnasand / Kvadrat
Specimen	Sample:	1
	Thickness:	0.25 mm
	Area specific mass:	52 g/m^2
	Diameter:	100 mm

ul (mm/s)	*R_s l (Pa s/m)*
13.05	1
10.44	6
7.87	7
5.30	7
3.63	9
2.20	11



Airflow resistance R_s = 12 Pa s/m

Summary of results:					
Sample:	1	2	3	**Mean:**	
Thickness:	0.25	0.25	0.25	**0.25**	**mm**
Area specific mass:	52	57	56	**55**	**g/m^2**
Airflow resistance R_s:	12	14	17	**14**	**Pa s/m**

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

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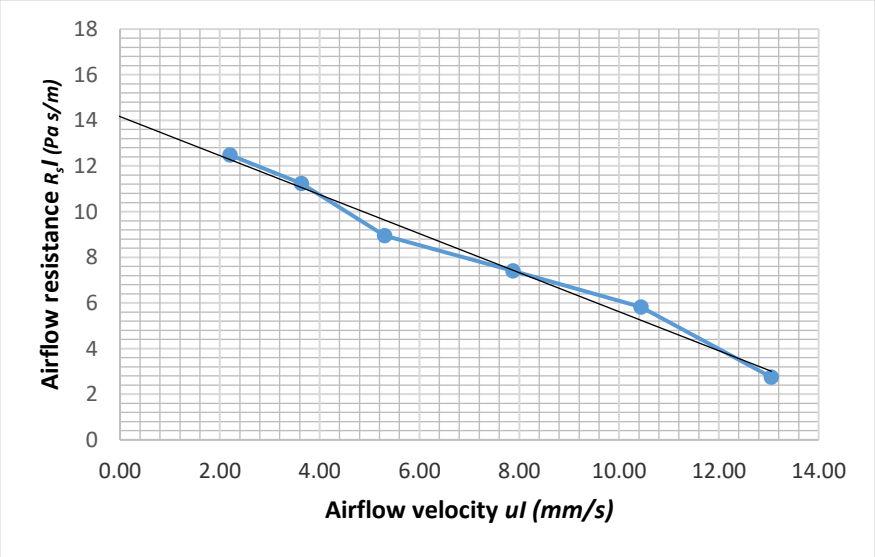
Direct airflow method

Client	Kvadrat	
Date:	17/05/2022	
Fabric details	Type:	Sheer
	Item number:	7110
	Colour:	3
	Manufacturer:	Kinnasand / Kvadrat
Specimen	Sample:	2
	Thickness:	0.25 mm
	Area specific mass:	57 g/m^2
	Diameter:	100 mm

ul (mm/s)	*$R_s l$ (Pa s/m)*
13.05	3
10.44	6
7.87	7
5.30	9
3.63	11
2.20	12



Airflow resistance R_s = 14 Pa s/m

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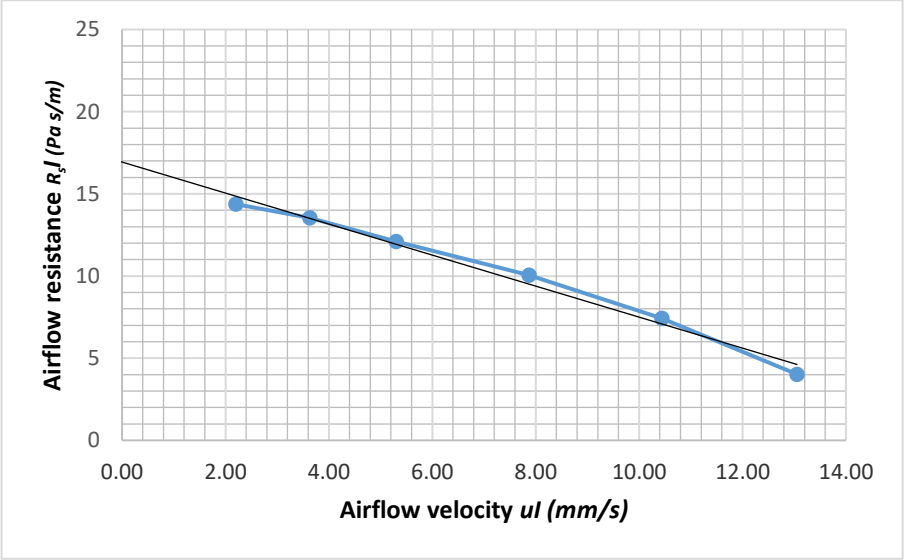
Direct airflow method

Client	Kvadrat	
Date:	17/05/2022	
Fabric details	Type:	Sheer
	Item number	7110
	Colour:	13
	Manufacturer:	Kinnasand / Kvadrat
Specimen	Sample:	3
	Thickness:	0.25 mm
	Area specific mass:	56 g/m^2
	Diameter:	100 mm

ul (mm/s)	*R_s l (Pa s/m)*
13.05	4
10.44	7
7.87	10
5.30	12
3.63	14
2.20	14



Airflow resistance R_s = 17 Pa s/m

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