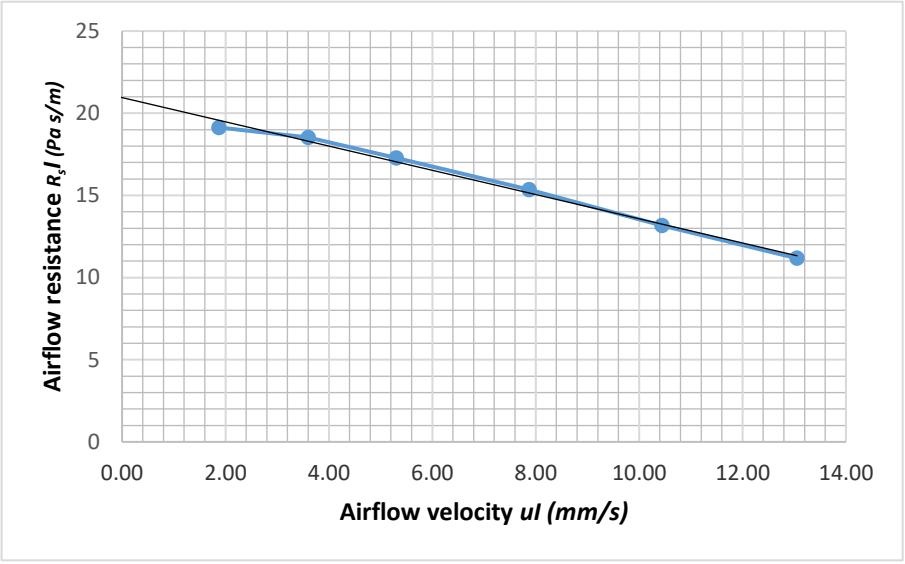
EN ISO 9053-1:2018 - Determination of airflow resistance

Direct airflow method

Client	Kvadrat		
Date:	16/05/2022		
Fabric details	Type:	Warm Up	
	Item number:	7133	
	Colour:	14	
	Manufacturer:	Kinnasand / Kvadrat	
Specimen	Sample:	1	
	Thickness:	1.10	mm
	Area specific mass:	224	g/m^2
	Diameter:	100	mm

ul (mm/s)	*R_s l (Pa s/m)*
13.05	11
10.44	13
7.87	15
5.30	17
3.60	19
1.87	19



Airflow resistance R_s = 21 Pa s/m

Summary of results:					
Sample:	1	2	3	**Mean:**	
Thickness:	1.10	1.08	1.08	**1.09**	**mm**
Area specific mass:	224	219	212	**218**	**g/m^2**
Airflow resistance R_s:	21	15	20	**19**	**Pa s/m**

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

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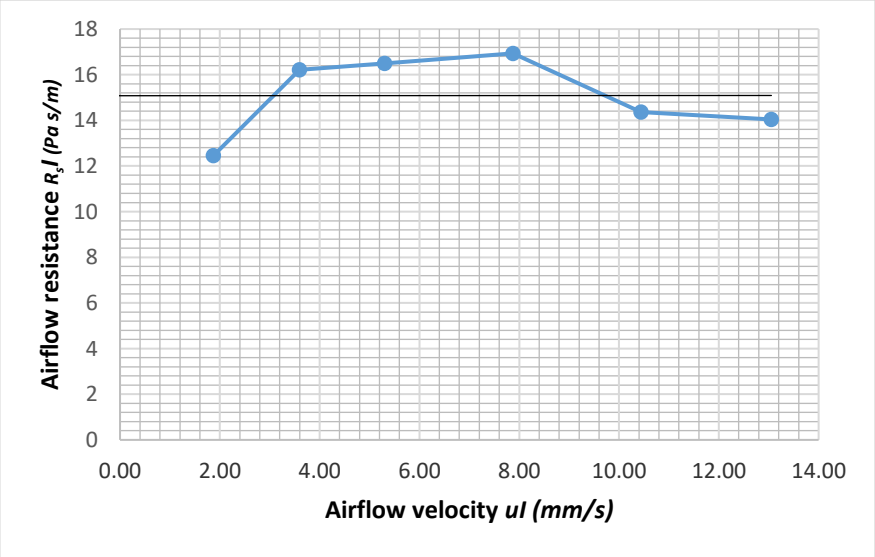
Direct airflow method

Client	Kvadrat	
Date:	16/05/2022	
Fabric details	Type:	Warm Up
	Item number:	7133
	Colour:	6
	Manufacturer:	Kinnasand / Kvadrat
Specimen	Sample:	2
	Thickness:	1.08 mm
	Area specific mass:	219 g/m^2
	Diameter:	100 mm

ul (mm/s)	*R_sl (Pa s/m)*
13.05	14
10.44	14
7.87	17
5.30	16
3.60	16
1.87	12



Airflow resistance R_s = 15 Pa s/m

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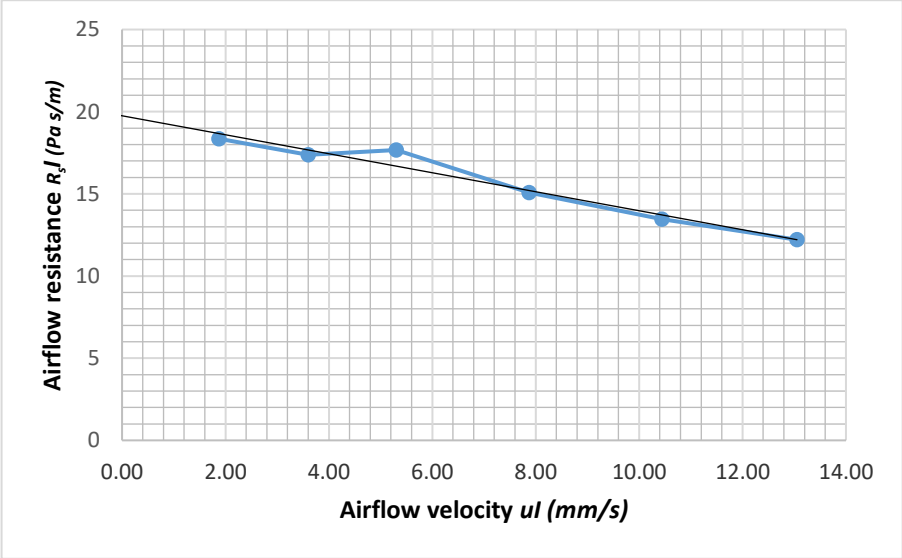
Direct airflow method

Client	Kvadrat	
Date:	16/05/2022	
Fabric details	Type:	Warm Up
	Item number	7133
	Colour:	13
	Manufacturer:	Kinnasand / Kvadrat
Specimen	Sample:	3
	Thickness:	1.08 mm
	Area specific mass:	212 g/m^2
	Diameter:	100 mm

ul (mm/s)	*R_sl (Pa s/m)*
13.05	12
10.44	13
7.87	15
5.30	18
3.60	17
1.87	18



Airflow resistance R_s = 20 Pa s/m

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