

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

Direct airflow method

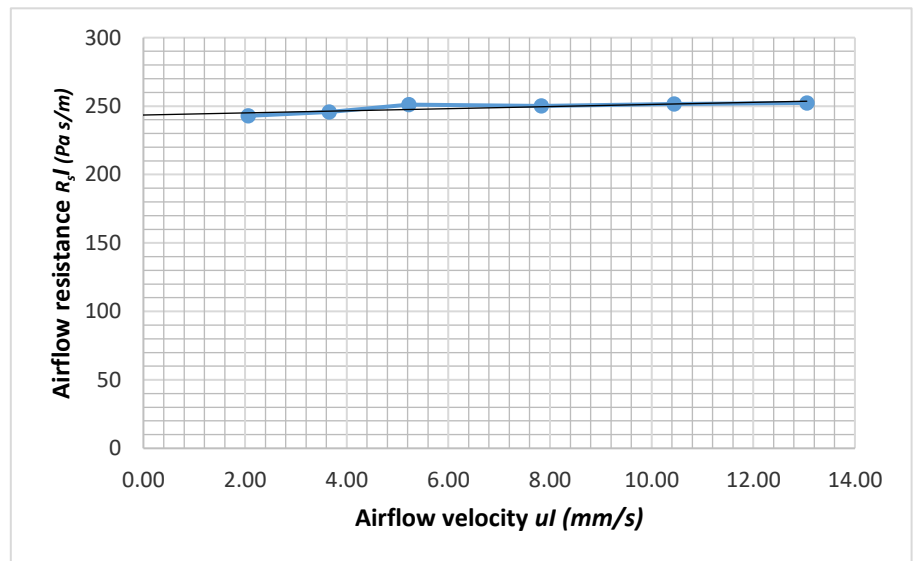
Client Kvadrat

Date: 24-04-26

Fabric details
 Type: Vidar duo
 Item number: 1075
 Colour: 218
 Manufacturer: kvadrat
 Batch: IN-1-93627B
 Finish:

Specimen
 Sample: 1
 Thickness: 1.71 mm
 Area specific mass: 514 g/m²
 Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	252
10.44	252
7.83	250
5.22	251
3.65	246
2.06	243



Airflow resistance $R_s = 243$ Pa s/m

Summary of results:				
Sample:	1	2	3	Mean:
Thickness:	1.71	1.70	1.70	1.70 mm
Area specific mass:	514	520	532	522 g/m²
Airflow resistance R_s:	243	251	251	248 Pa s/m

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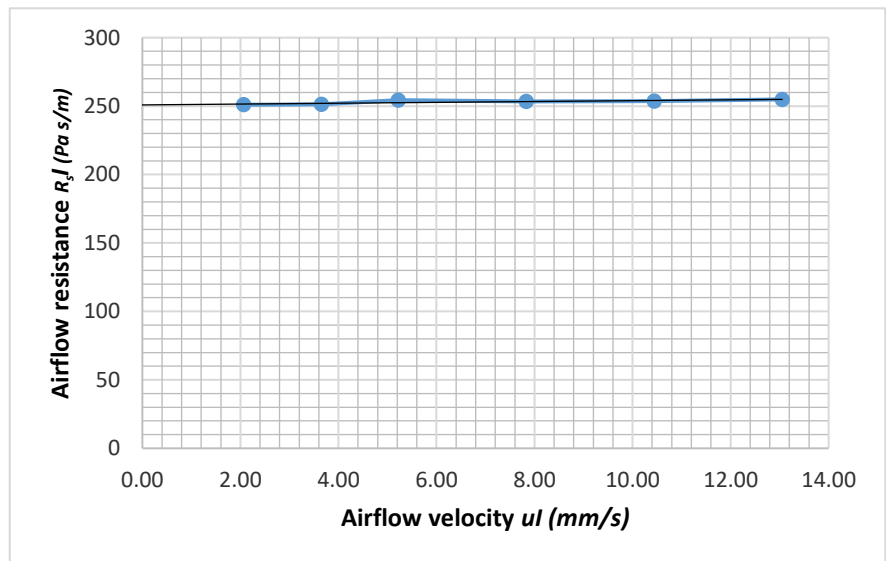
Client Kvadrat

Date: 24-04-26

Fabric details
Type: Vidar duo
Item number: 1075
Colour: 218
Manufacturer: kvadrat
Batch: IN-1-93627B
Finish:

Specimen
Sample: 2
Thickness: 1.70 mm
Area specific mass: 520 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	255
10.44	254
7.83	253
5.22	254
3.65	251
2.06	251



Airflow resistance $R_s = 251$ Pa s/m

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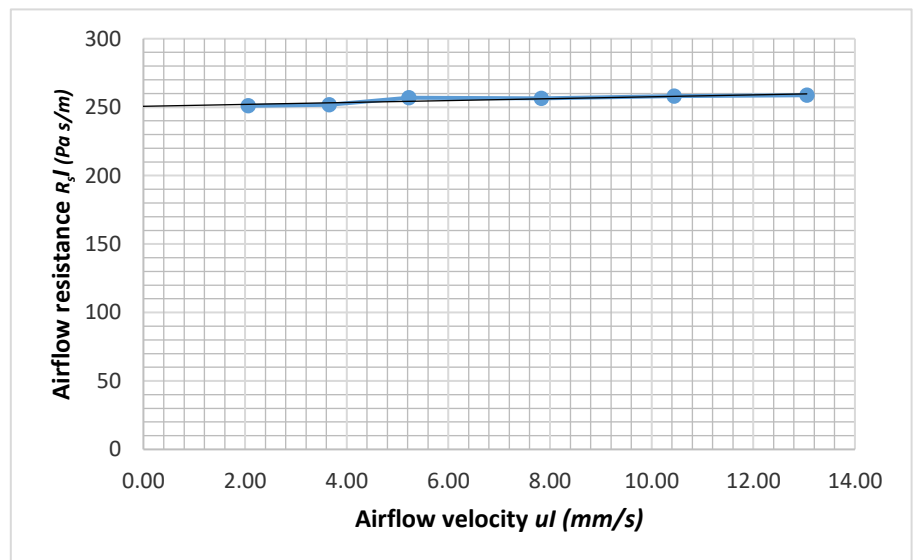
Client Kvadrat

Date: 24-04-26

Fabric details Type: Vidar duo
Item number 1075
Colour: 218
Manufacturer: kvadrat
Batch: IN-1-93627B
Finish:

Specimen Sample: 3
Thickness: 1.70 mm
Area specific mass: 532 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	259
10.44	258
7.83	257
5.22	257
3.65	252
2.06	251



Airflow resistance $R_s = 251$ Pa s/m