

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

Direct airflow method

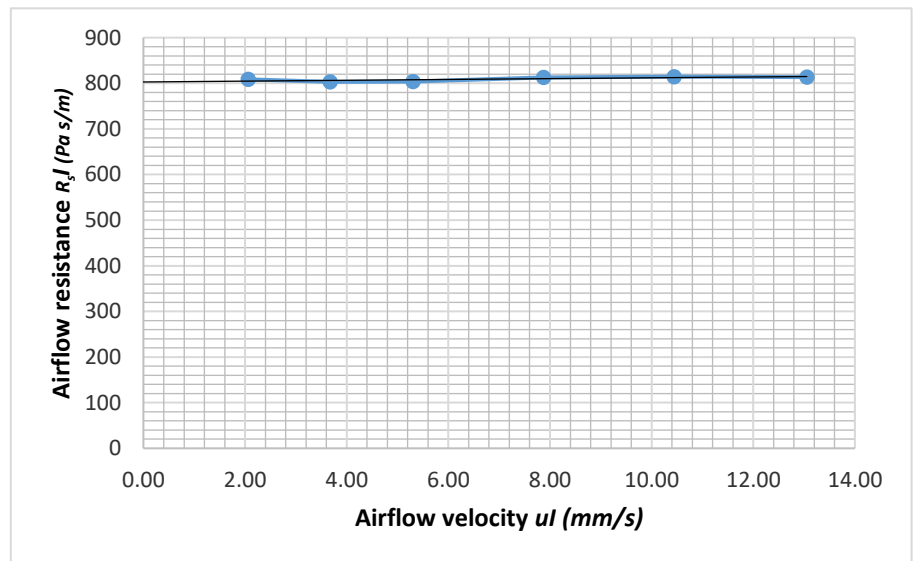
Client Kvadrat

Date: 17-12-24

Fabric details Type: Guest
 Item number: 10580001
 Colour: 560
 Manufacturer: kvadrat
 Batch:
 Finish:

Specimen Sample: 1
 Thickness: 1.42 mm
 Area specific mass: 362 g/m²
 Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	813
10.44	815
7.87	813
5.30	804
3.68	803
2.06	808



Airflow resistance $R_s = 803$ Pa s/m

Summary of results:				
Sample:	1	2	3	Mean:
Thickness:	1.42	1.39	1.39	1.41 mm
Area specific mass:	362	346	364	354 g/m²
Airflow resistance R_s:	803	710	798	757 Pa s/m

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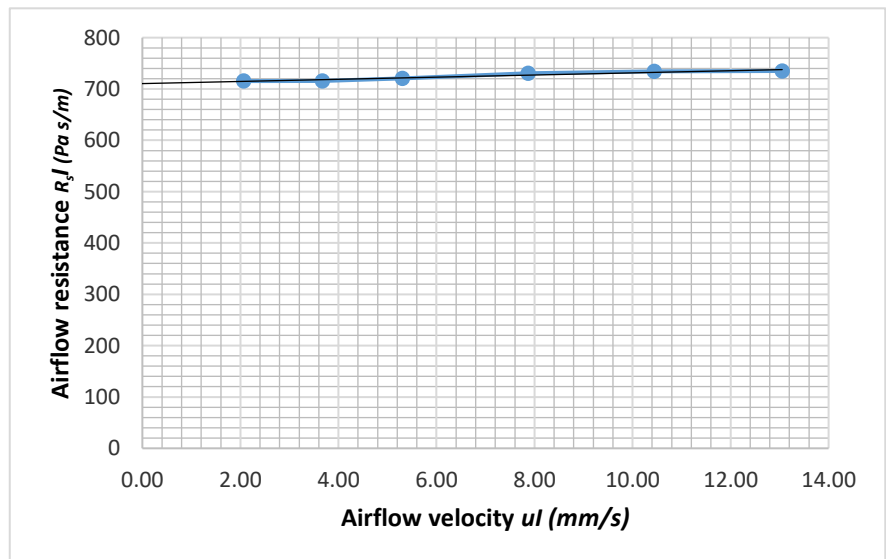
Client Kvadrat

Date: 17-12-24

Fabric details
Type: Guest
Item number: 10580001
Colour: 760
Manufacturer: kvadrat
Batch: 0

Specimen
Sample: 2
Thickness: 1.39 mm
Area specific mass: 346 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	735
10.44	734
7.87	730
5.30	721
3.68	716
2.06	715



Airflow resistance $R_s = 710$ Pa s/m

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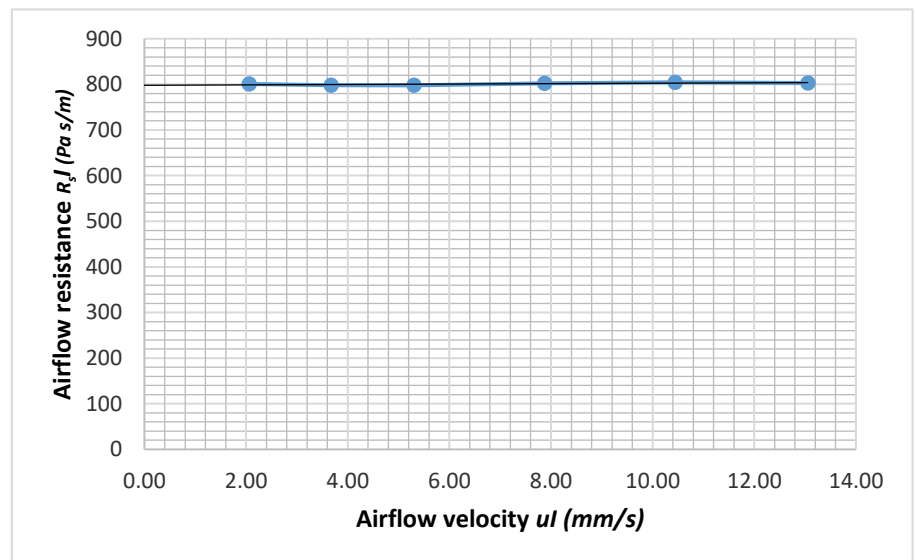
Client Kvadrat

Date: 07-02-25

Fabric details Type: Guest
Item number 10580001
Colour: 140
Manufacturer: kvadrat
Batch: 0

Specimen Sample: 3
Thickness: 1.39 mm
Area specific mass: 364 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	803
10.44	805
7.87	803
5.30	798
3.68	798
2.06	801



Airflow resistance $R_s = 798$ Pa s/m