

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

Direct airflow method

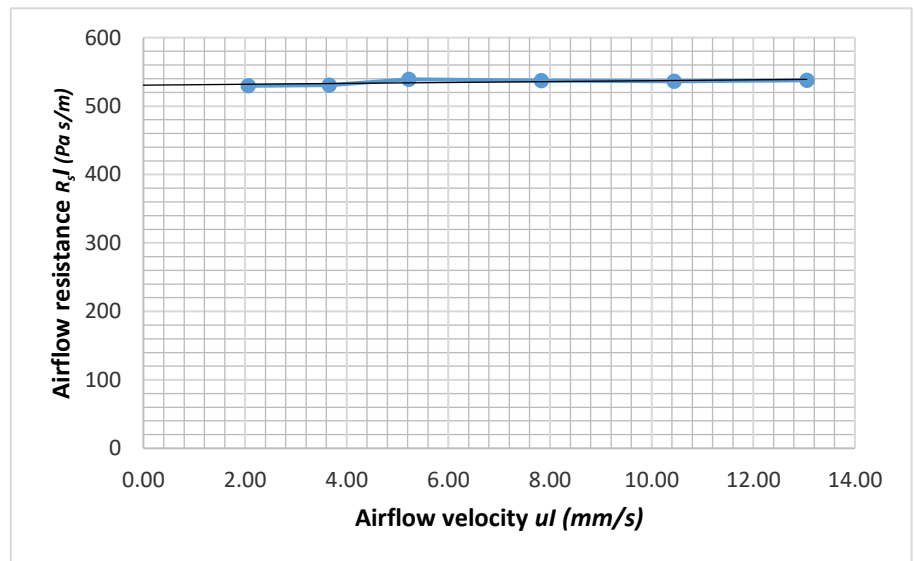
Client Kvadrat

Date: 10-03-26

Fabric details
 Type: Twisted flower
 Item number: 1082
 Colour: 112
 Manufacturer: kvadrat
 Batch: W113043
 Finish:

Specimen
 Sample: 1
 Thickness: 1.67 mm
 Area specific mass: 472 g/m²
 Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	538
10.44	536
7.83	537
5.22	539
3.65	531
2.06	530



Airflow resistance $R_s = 531$ Pa s/m

Summary of results:				
Sample:	1	2	3	Mean:
Thickness:	1.67	1.66	1.66	1.66 mm
Area specific mass:	472	492	480	481 g/m²
Airflow resistance R_s:	531	494	556	527 Pa s/m

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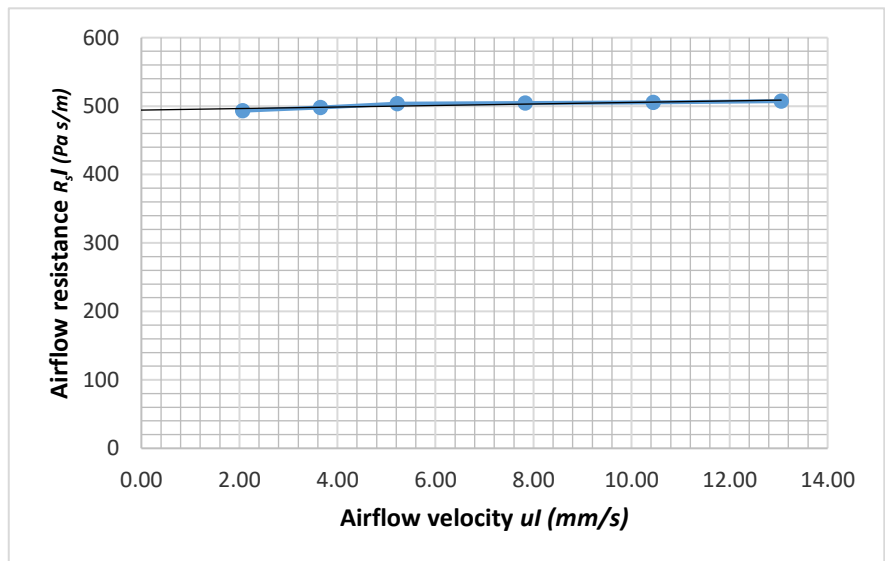
Client Kvadrat

Date: 10-03-26

Fabric details
Type: Twisted flower
Item number: 1082
Colour: 112
Manufacturer: kvadrat
Batch: W113043
Finish: 0

Specimen
Sample: 2
Thickness: 1.66 mm
Area specific mass: 492 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	507
10.44	505
7.83	505
5.22	504
3.65	498
2.06	493



Airflow resistance $R_s = 494$ Pa s/m

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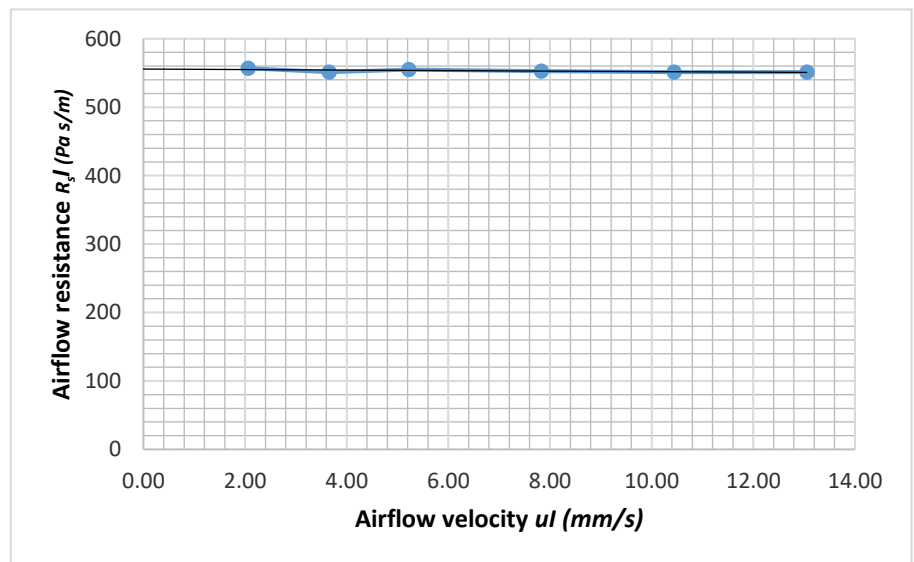
Client Kvadrat

Date: 10-03-26

Fabric details Type: Twisted flower
Item number 1082
Colour: 112
Manufacturer: kvadrat
Batch: W113043
Finish: 0

Specimen Sample: 3
Thickness: 1.66 mm
Area specific mass: 480 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	551
10.44	551
7.83	553
5.22	555
3.65	551
2.06	557



Airflow resistance $R_s = 556$ Pa s/m