

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

Direct airflow method

Client: Kvadrat

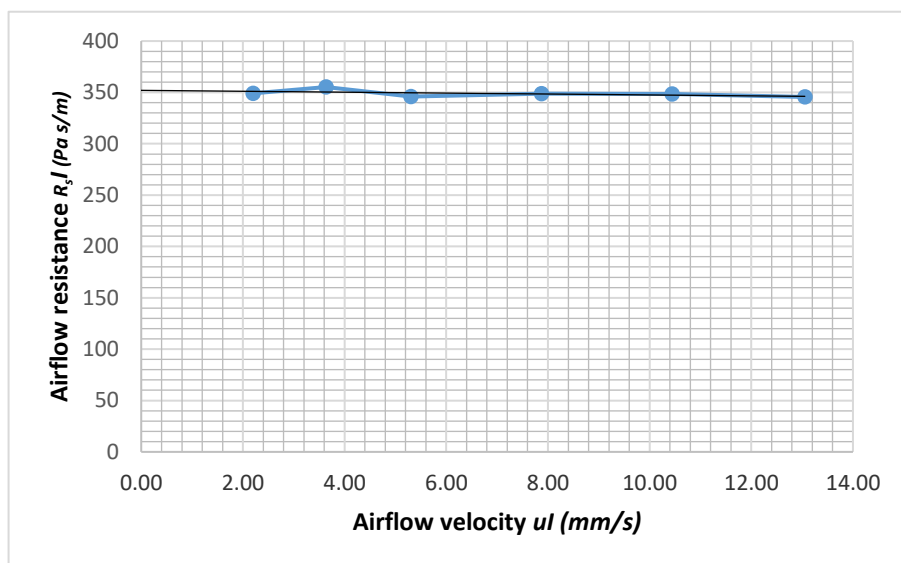
Date: 17/05/2022

Fabric details
 Type: AB1
 Item number: 7106
 Colour: 13
 Manufacturer: Kinnasand / Kvadrat

Specimen
 Sample: 1
 Thickness: 0.41 mm
 Area specific mass: 157 g/m²
 Diameter: 100 mm

Comment: Different airflow resistance over pattern

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	346
10.44	349
7.87	349
5.30	346
3.63	355
2.20	349



Airflow resistance $R_s = 352$ Pa s/m

Summary of results:				
Sample:	1	2	3	Mean:
Thickness:	0.41	0.43	0.41	0.42 mm
Area specific mass:	157	159	146	154 g/m²
Airflow resistance R_s:	352	421	426	400 Pa s/m

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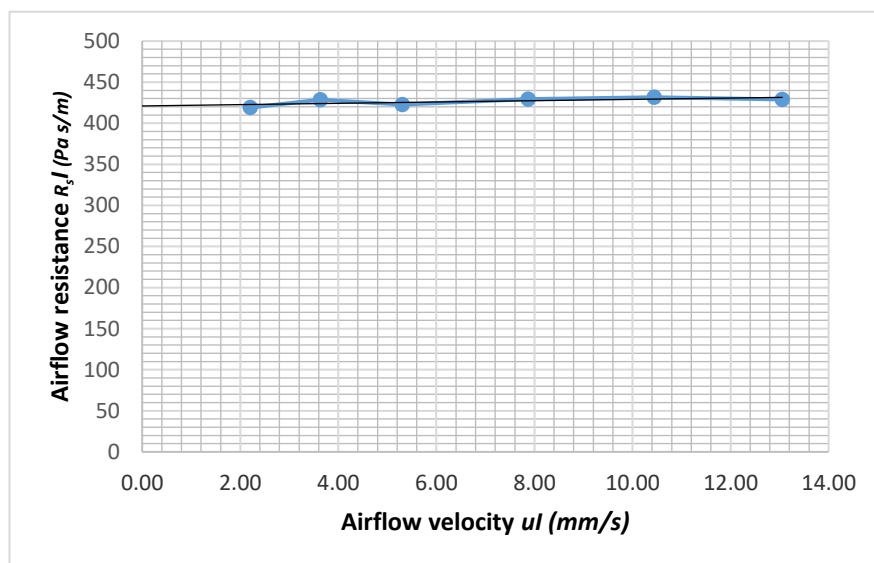
Client Kvadrat

Date: 17/05/2022

Fabric details Type: AB1
Item number: 7106
Colour: 23
Manufacturer: Kinnasand / Kvadrat

Specimen Sample: 2
Thickness: 0.43 mm
Area specific mass: 159 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	429
10.44	432
7.87	429
5.30	423
3.63	429
2.20	419



Airflow resistance $R_s = 421$ Pa s/m

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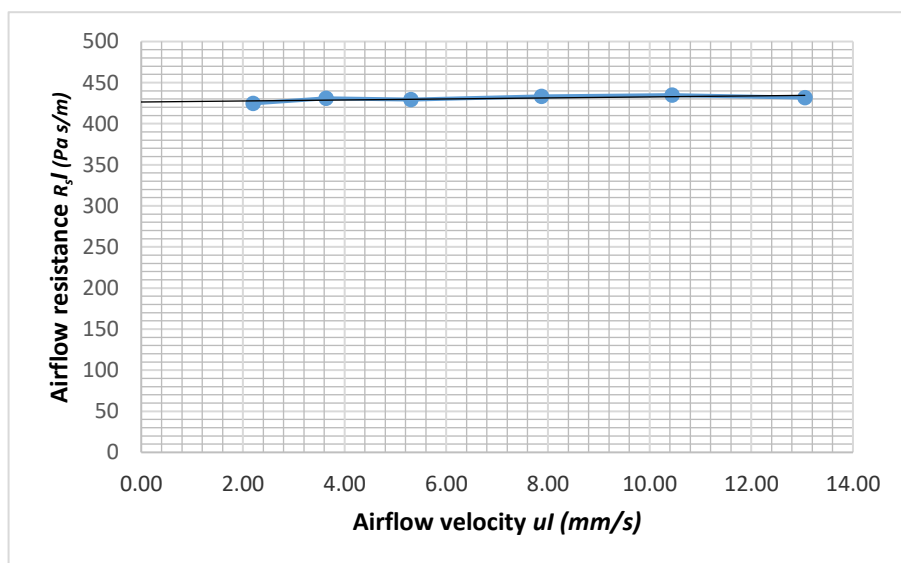
Client: Kvadrat

Date: 17/05/2022

Fabric details
Type: AB1
Item number: 7106
Colour: 15
Manufacturer: Kinnasand / Kvadrat

Specimen
Sample: 3
Thickness: 0.41 mm
Area specific mass: 146 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	432
10.44	435
7.87	433
5.30	429
3.63	431
2.20	425



Airflow resistance $R_s = 426$ Pa s/m