

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

Direct airflow method

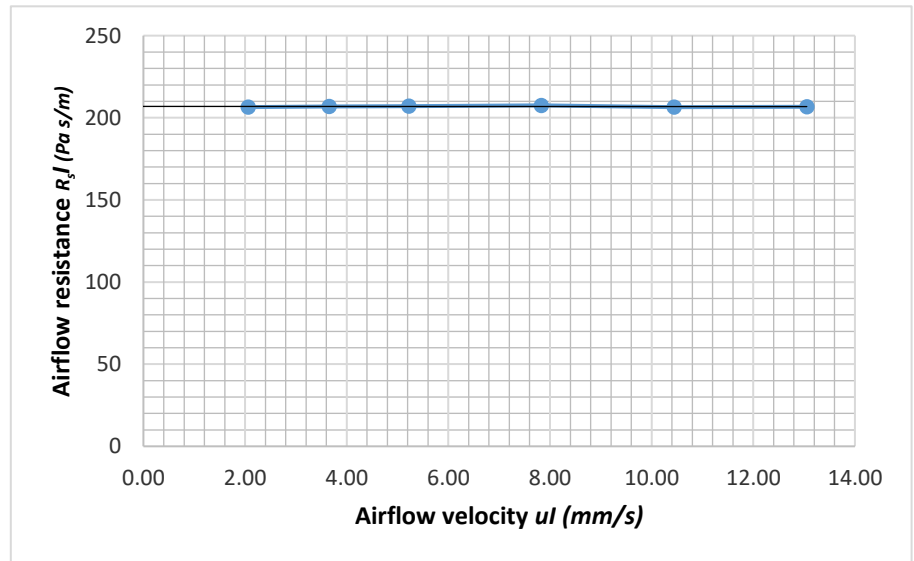
Client Kvadrat

Date: 10-03-26

Fabric details
 Type: Kumo
 Item number: 600794
 Colour: 110
 Manufacturer: kvadrat sahco
 Batch: in-1-961-0110
 Finish:

Specimen
 Sample: 1
 Thickness: 2.17 mm
 Area specific mass: 600 g/m²
 Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	207
10.44	206
7.83	208
5.22	207
3.65	207
2.06	207



Airflow resistance $R_s = 207$ Pa s/m

Summary of results:				
Sample:	1	2	3	Mean:
Thickness:	2.17	2.15	2.17	2.16 mm
Area specific mass:	600	596	600	599 g/m ²
Airflow resistance R_s:	207	183	191	194 Pa s/m

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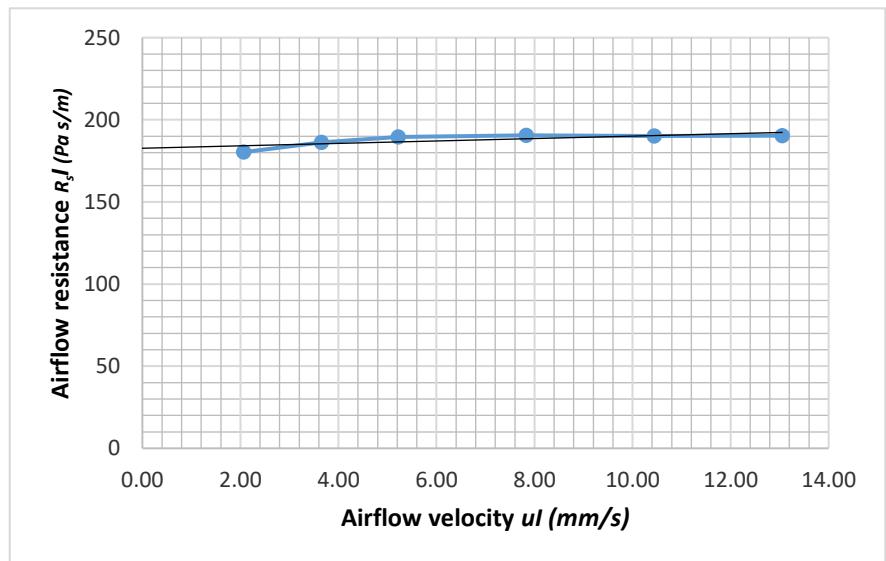
Client Kvadrat

Date: 10-03-26

Fabric details
Type: Kumo
Item number: 600794
Colour: 112
Manufacturer: kvadrat sahco
Batch: in-1-961-0110
Finish: 0

Specimen
Sample: 2
Thickness: 2.15 mm
Area specific mass: 596 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	190
10.44	190
7.83	191
5.22	190
3.65	186
2.06	180



Airflow resistance $R_s = 183$ Pa s/m

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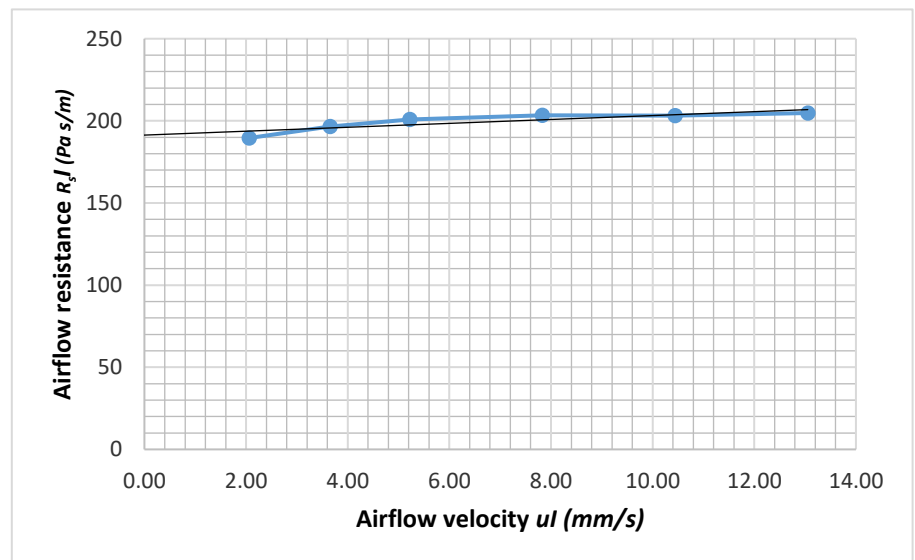
Client Kvadrat

Date: 10-03-26

Fabric details
Type: Kumo
Item number 600794
Colour: 112
Manufacturer: kvadrat sahco
Batch: in-1-961-0110
Finish: 0

Specimen
Sample: 3
Thickness: 2.17 mm
Area specific mass: 600 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	205
10.44	203
7.83	203
5.22	201
3.65	197
2.06	190



Airflow resistance $R_s = 191$ Pa s/m