

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

Direct airflow method

Client: Kvadrat

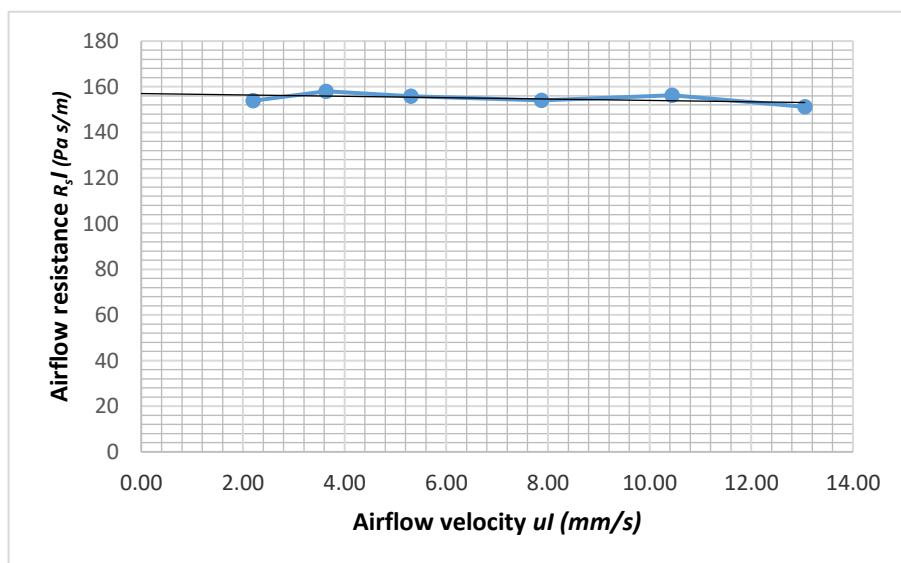
Date: 17/05/2022

Fabric details
 Type: AB6
 Item number: 7117
 Colour: 1
 Manufacturer: Kinnasand / Kvadrat

Specimen
 Sample: 1
 Thickness: 1.17 mm
 Area specific mass: 143 g/m²
 Diameter: 100 mm

Comment: Different airflow resistance over pattern

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	151
10.44	156
7.87	154
5.30	156
3.63	158
2.20	154



Airflow resistance $R_s = 157$ Pa s/m

Summary of results:				
Sample:	1	2	3	Mean:
Thickness:	1.17	1.06	1.20	1.14 mm
Area specific mass:	143	147	149	146 g/m²
Airflow resistance R_s:	157	230	239	209 Pa s/m

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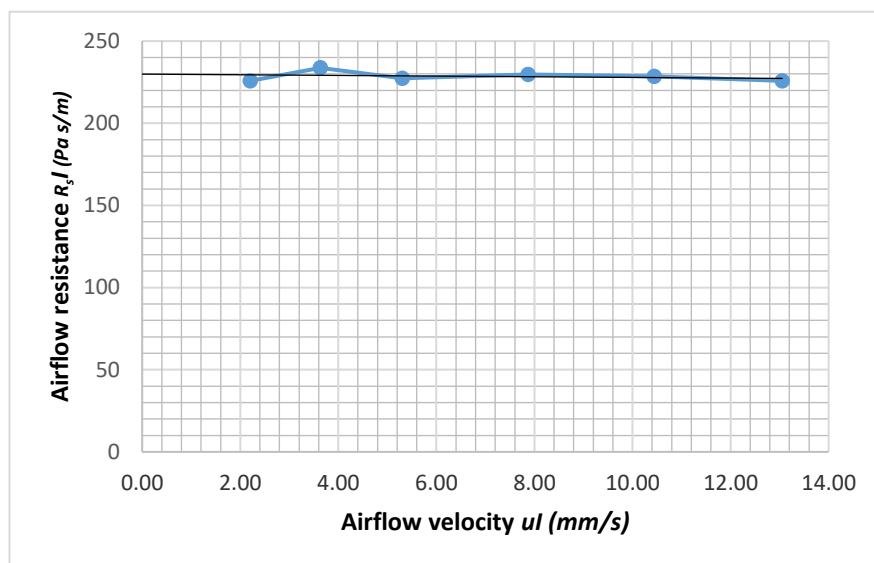
Client Kvadrat

Date: 17/05/2022

Fabric details Type: AB6
Item number: 7117
Colour: 3
Manufacturer: Kinnasand / Kvadrat

Specimen Sample: 2
Thickness: 1.06 mm
Area specific mass: 147 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	226
10.44	228
7.87	230
5.30	227
3.63	234
2.20	226



Airflow resistance $R_s = 230$ Pa s/m

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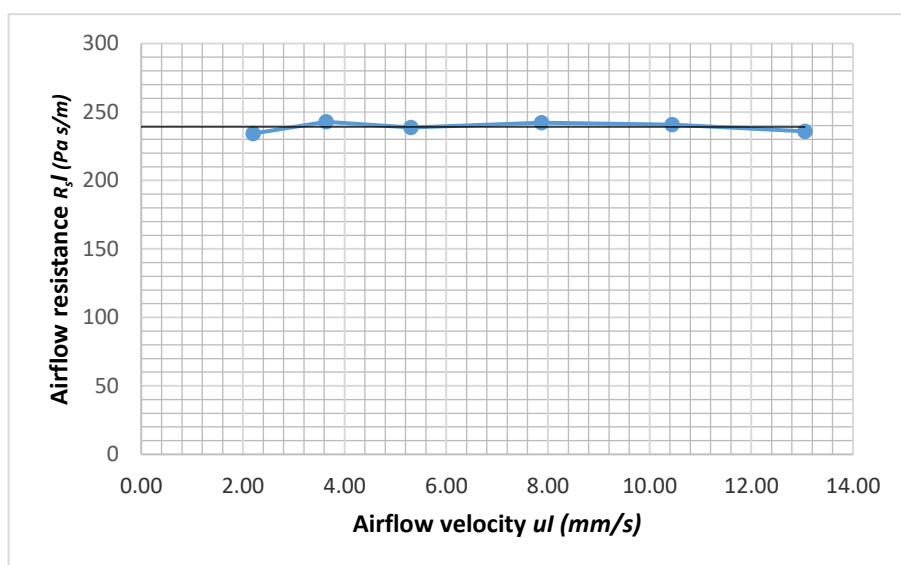
Client: Kvadrat

Date: 17/05/2022

Fabric details
Type: AB6
Item number: 7117
Colour: 24
Manufacturer: Kinnasand / Kvadrat

Specimen
Sample: 3
Thickness: 1.20 mm
Area specific mass: 149 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	236
10.44	241
7.87	242
5.30	239
3.63	243
2.20	234



Airflow resistance $R_s = 239$ Pa s/m