

EN 779:2012. AIR FILTER TEST RESULTS

GENERAL

Test no.:	163415	Date of test:	15. - 18.1.2016	Supervisor:	TJ
Test requested by:	KE Fibertec AS			Device receiving date	13.1.2016
Device delivered by:	KE Fibertec AS				

DEVICE TESTED

Model	Manufacturer	Construction
O wmkY gcxg	KE Fibertec AS	Air terminal device
Type of media	Net effective filtering area	Filter dimensions (width x diameter)
Polyester	1.1 m ²	1400 mm x 570 mm

TEST DATA

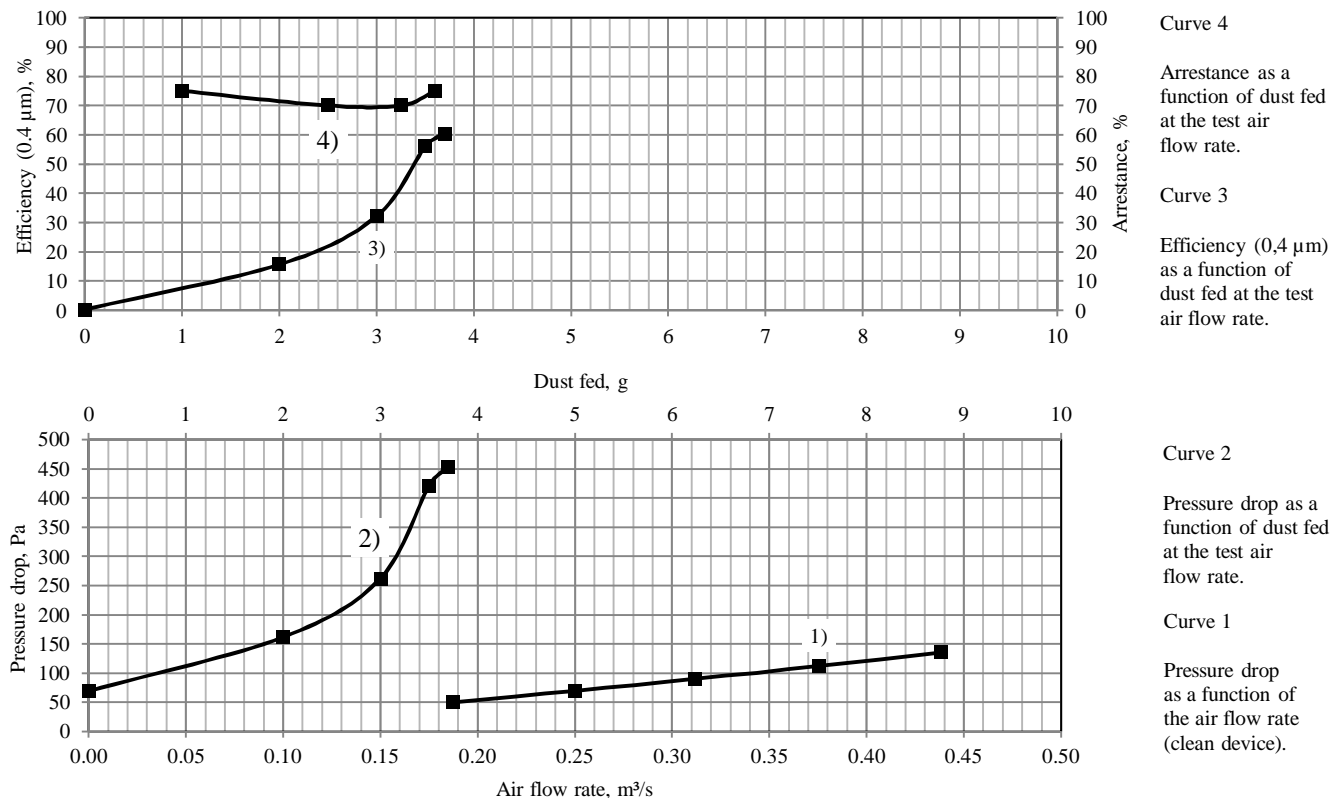
Test air flow rate	Test air temperature	Test air relative humidity	Test aerosol	Loading dust
0.25 m ³ /s	23 - 24 °C	21 - 35 %	DEHS	ASHRAE

RESULTS

Initial pressure drop	Initial arrestance (2 g)	Initial efficiency (0,4 µm)	Test dust capacity	Untreated / discharged efficiency of filter material (0,4 µm)
69 Pa	75 %	0 %	2 / 3 / 3 g	
Final pressure drop	Average arrestance	Average efficiency (0,4 µm)	Filter class (250 Pa)	
250 / 350 / 450 Pa	73 / 73 / 73 %	13±3 / 13±3 / 20±3 %	G2 (0.25 m ³ /s)	-

Remarks: Accuracy of measuring the mass of the final filter is ± 0.1 g and this may influence the determination of the arrestance and hence also the filter class.

NOTE: The performance results cannot by themselves be quantitatively applied to predict filter performance in service. The results relate only to the tested item.



The test results relate only to the sample tested.