

SUMMARY PAGE

Testing organisation: fiated Filter & Aerosol Technologie GmbH

Report no.: NF 100801_TF4

GENERAL

Test no.:	NF 100801	Date of test:	20.08.2010	Supervisor:	H.Bittermann
Test requested by:	Karl Neidert GmbH	Device received:	17.08.2010		
Device delivered by:	Karl Neidert GmbH				

DETAILS OF DEVICE

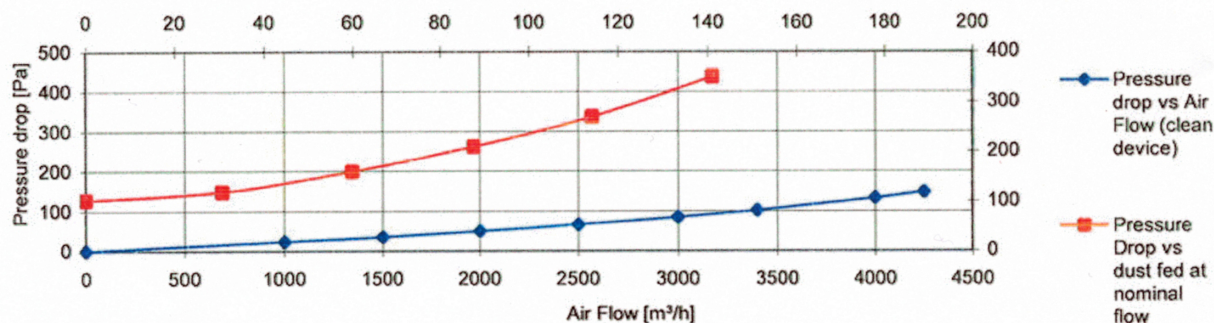
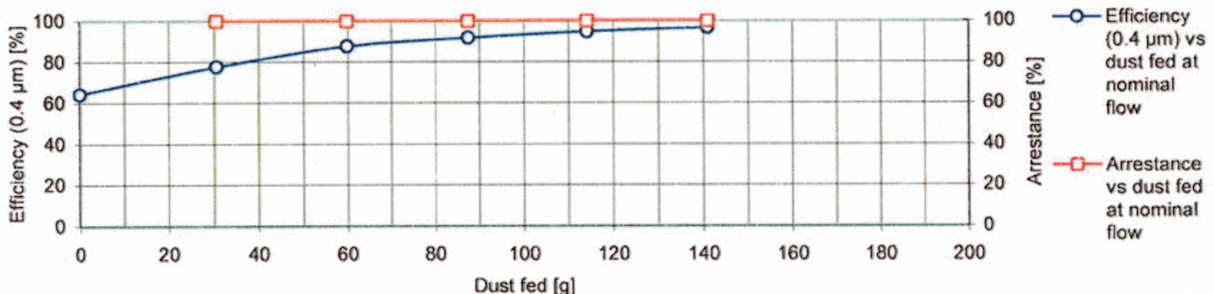
Model:	KS07 660863	Manufacturer:	Karl Neidert GmbH	Construction and design	Pocket filter with 8 pockets
Type of media:	synthetic meltblown	Net effective filtering area [m ²]:	6,1	Dimensions	length x width x height [mm] 592x592x630

TEST DATA

Test air flow rate:	Test air temperature:	Rel. Humidity:	Test aerosols	
[m ³ /h]	[°C]	[%]	Efficiency:	Loading:
3400	23 ± 1	55 ± 3	DEHS (pure)	ASHRAE 52/76

RESULTS

Initial pressure drop:	Initial arrestance:	Initial Efficiency:	Influence of Charges-Media check at 0.4 µm:	
[Pa]	[%]	[%]	Eff. Shipping state [%]:	Discharged eff. [%]
102	99,8	64,32	72,66	30,78
Final pressure drop:	Average arrestance:	Average Efficiency:	Filter Class	Dust Holding Capacity [g]
[Pa]	[%]	[%]	F7	450 Pa
450	99,9	85,99		170,2
Note: The performance results apply to the tested item and do not allow to predict performance in actual service under specific conditions			Remarks:	



25.08.2010

i.A. Michael B.

Date

Signature