

**AIR FILTER TEST CERTIFICATE ACCORDING TO: Fpr EN779:2011**



Filter & Aerosol Technologie GmbH

**SUMMARY PAGE**

Testing organisation: fiatec Filter & Aerosol Technologie GmbH

Report no.: IRI 110601\_TF2

**GENERAL**

Test no.:	IRI 110601	Date of test:	07.06.2011	Supervisor:	H.Bittermann
Test requested by:	Karl Neidert GmbH	Device received:	01.06.2011		
Device delivered by:	Karl Neidert GmbH				

**DETAILS OF DEVICE**

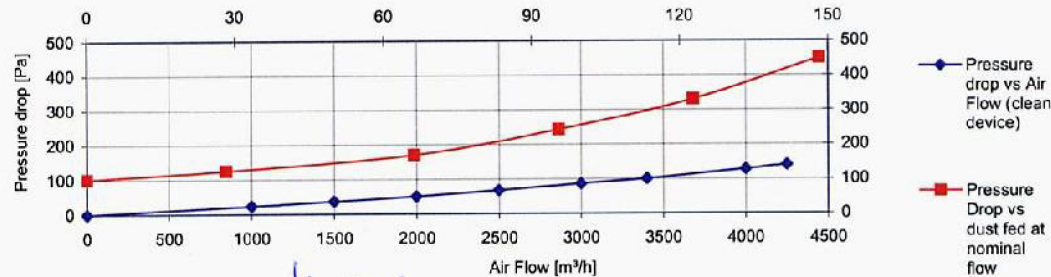
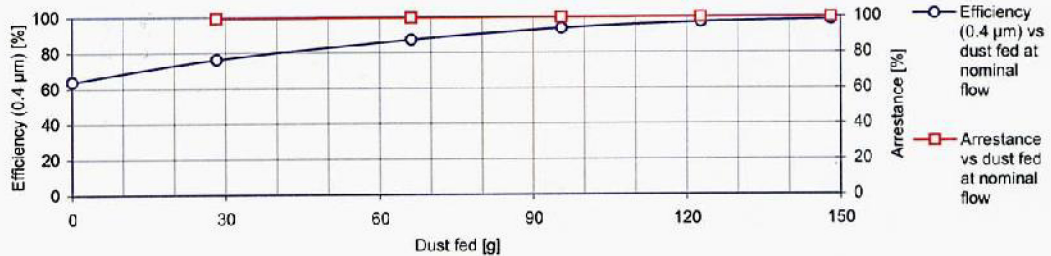
Model:	Manufacturer:	Construction and design
Micro 2011 Grade: F7	Karl Neidert GmbH	Pocketfilter with 8 pockets
Type of media:	Net effective filtering area [m²]:	Dimensions
	5,5	length x width x height [mm] 592x592x630

**TEST DATA**

Test air flow rate:	Test air temperature:	Rel. Humidity:	Test aerosols	
[m³/h]	[°C]	[%]	Efficiency:	Loading:
3400	23 ± 1	<75	DEHS (pure)	ASHRAE 52/76

**RESULTS**

Initial pressure drop:	Initial arresstance:	Initial Efficiency:	Influence of Charges-Media check at 0.4 µm:	
[Pa]	[%]	[%]	Eff. Shipping state [%]	Discharged eff. [%]
101	99,3	63,80	58,75	36,87
Final pressure drop:	Average arresstance:	Average Efficiency:	Filter Class	Dust Holding Capacity [g]
[Pa]	[%]	[%]	<b>F7 (EN779:2002)</b>	450 Pa
450	99,6	86,41	<b>F7 (FprEN779:2011)</b>	147,6
Note: The performance results apply to the tested item and do not allow to predict performance in actual service under specific conditions			Remarks:	



17.06.2011

*H. Bittermann*

Date

Signature