

AIR FILTER TEST CERTIFICATE ACCORDING TO: Fpr EN779:2011

SUMMARY PAGE



Filter & Aerosol Technologie GmbH

Testing organisation: fiatec Filter & Aerosol Technologie GmbH

Report no.: IRI 110601_TF1

GENERAL

| | | | | | |
|----------------------|-------------------|------------------|------------|-------------|--------------|
| Test no.: | IR: 110501 | Date of test: | 06.06.2011 | Supervisor: | H.Bittermann |
| Test requested by: | Karl Neidert GmbH | Device received: | 01.06.2011 | | |
| Device delivered by: | Karl Neidert GmbH | | | | |

DETAILS OF DEVICE

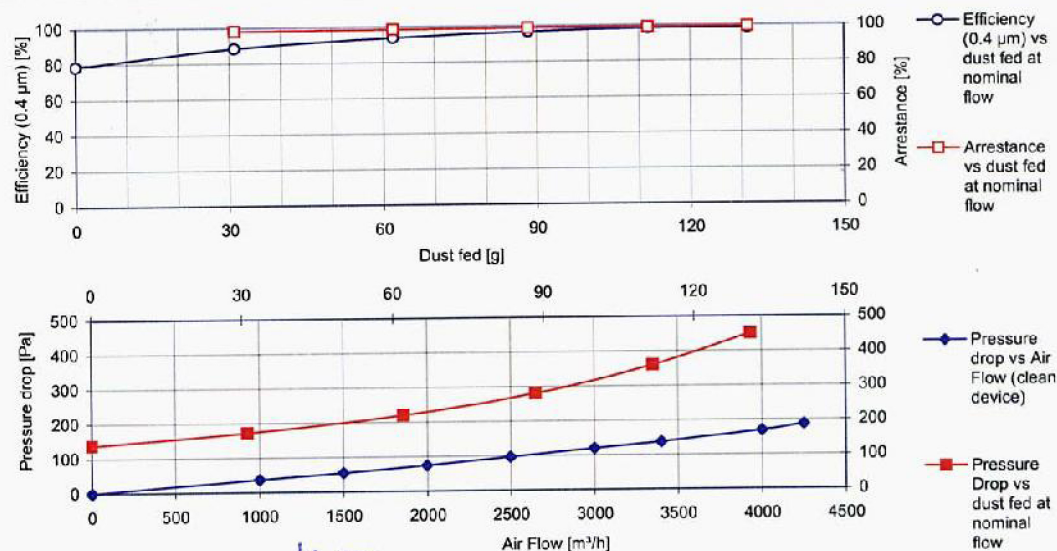
| | | |
|----------------------|------------------------------------|---|
| Model: | Manufacturer: | Construction and design |
| Micro 2011 Grade: F8 | Karl Neidert GmbH | Pocketfilter with 8 pockets |
| Type of media: | Net effective filtering area [m²]: | Dimensions |
| | 6,3 | length x width x height [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. [%] |
| 138 | 98,2 | 78,56 | 70,46 | 55,84 |
| Final pressure drop: | Average arresstance: | Average Efficiency: | Filter Class | Dust Holding Capacity [g] |
| [Pa] | [%] | [%] | F8 (EN779:2002) | 450 Pa |
| 450 | 98,7 | 92,46 | F8 (FprEN779:2011) | 129,5 |
| 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

Date

Signature

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