

**Reporting the following file(s):**

* C:\Users\Local.la\Documents\Porometry\Hani\Double checking some experiments\FC-43\with better support\with better support and lower pressure range\again lower pressure range\0.5-S1-W+NMP-FC-43.txt

**Basic information about sample and measurement:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Material** | **Sample ID** | **Measuring mode** | **Skip bubble point** | **Operator** | **Start time** | **Run time** | **Error** |
| 0.5-S1-W+NMP-FC-43 | PVDF | 0.5-S1-W+NMP-FC-43-3 | Full porometry | X | Hanieh | 2015-11-24 10:26:10 +01:00 | 34:43 | 0 |

**Measurement results:**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Smallest pore size (um)** | **MFP size (um)** | **Bubble point pore size (um)** | **Smallest pore pressure (bar)** | **MFP pressure (bar)** | **Bubble point pressure (bar)** | **Bubble point flow (l/min)** | **Calculated bubble point** | **Calc. FBP method** | **Calc. FBP filter** |
| 0.5-S1-W+NMP-FC-43 | 1.477 | 2.069 | 2.733 | 0.4332 | 0.3094 | 0.2342 | 0.1000 | X | Size at 100 ml/min flow | X |

**Further measurement results:**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **5% pore size (um)** | **10% pore size (um)** | **50% pore size (um)** | **90% pore size (um)** | **95% pore size (um)** | **5% pressure (bar)** | **10% pressure (bar)** | **50% pressure (bar)** | **90% pressure (bar)** | **95% pressure (bar)** |
| 0.5-S1-W+NMP-FC-43 | 2.263 | 2.139 | 2.069 | 1.807 | 1.704 | 0.2828 | 0.2993 | 0.3094 | 0.3542 | 0.3756 |

**Physical data about sample and test fluid:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Fluid** | **Fluid tension (dyn/cm)** | **Fluid angle (°)** | **Shape factor name** | **Shape factor** | **Sample diameter (mm)** | **Sample thickness (um)** | **Gas** |
| 0.5-S1-W+NMP-FC-43 | FC43 | 16.00 | 0.000 | 1 | 1.000 | 18.40 | 134.0 | N2 |

**Measurement settings:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Initial pressure (bar)** | **Final pressure (bar)** | **Wet measurements** | **Dry measurements (%)** | **Pressure slope (s/bar)** |
| 0.5-S1-W+NMP-FC-43 | 0.01000 | 1.500 | 75 | 50 | 3.000 |

**Precision settings during measurement:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Pressure accuracy (%)** | **Pressure accuracy time (s)** | **Flow accuracy (%)** | **Flow accuracy time (s)** | **Pressure accuracy high limit (bar)** | **Pressure accuracy low limit (bar)** | **Flow accuracy low limit (l/min)** | **Stabilization timeout (s)** |
| 0.5-S1-W+NMP-FC-43 | 0.5000 | 0.2000 | 0.5000 | 0.2000 | 0.1000 | 0.05000 | 0.1000 | 10 |

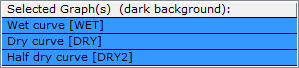
**Model and version information:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Model** | **Unit ID** | **Manufacturer** | **PLC version** | **UI version** | **Data format version** |
| 0.5-S1-W+NMP-FC-43 | POROLUX 1000 | POR.1000.2009.03.009 | IB-FT Germany | 2.21 | 2.21 | 1.07 |

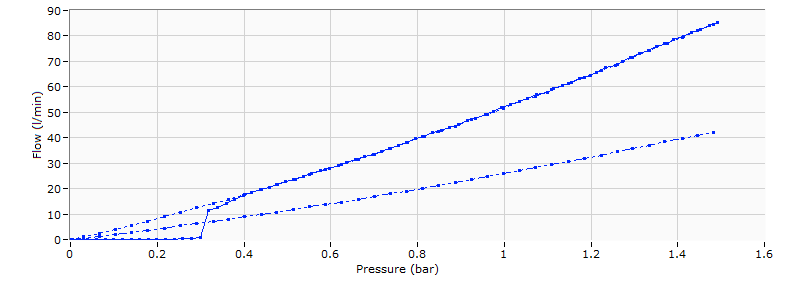
V 2.21



**Flow/Pressure:**









**Percent flow/Diameter:**

