

## APPLICATION NOTE, APPN-06

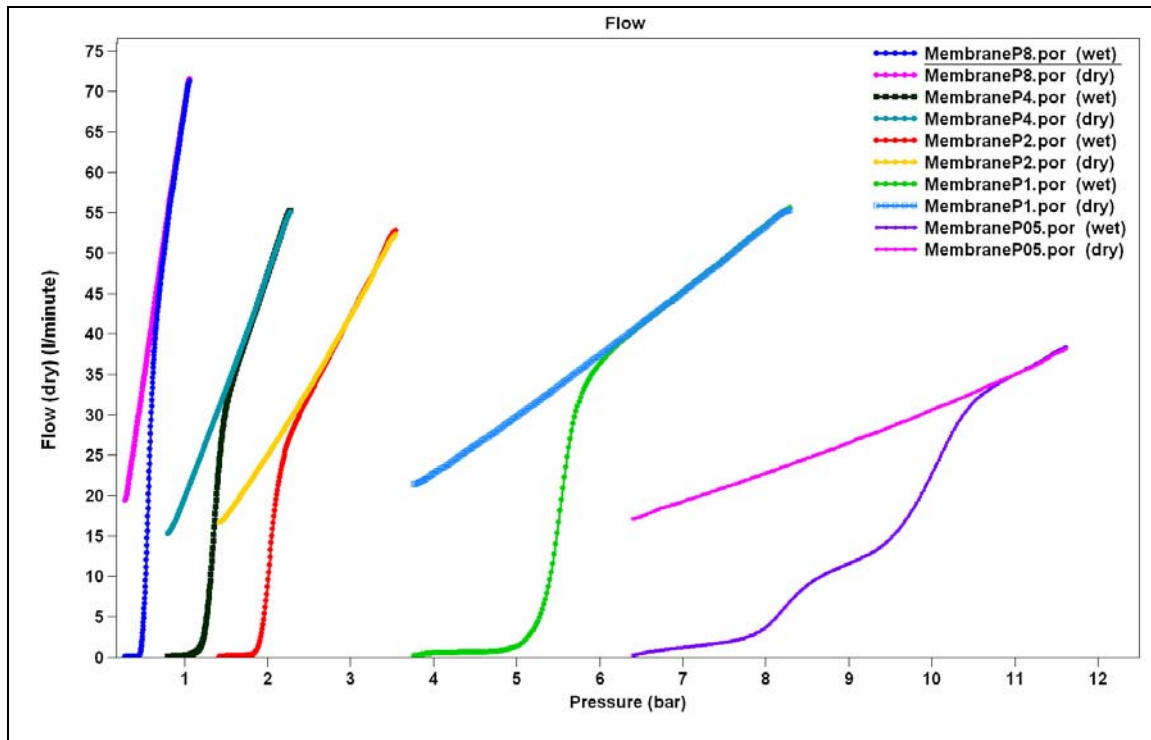
### Technology: Porometry

### Subject: Pore Size Distribution of Track Etched Membranes

#### Issue: Revision A

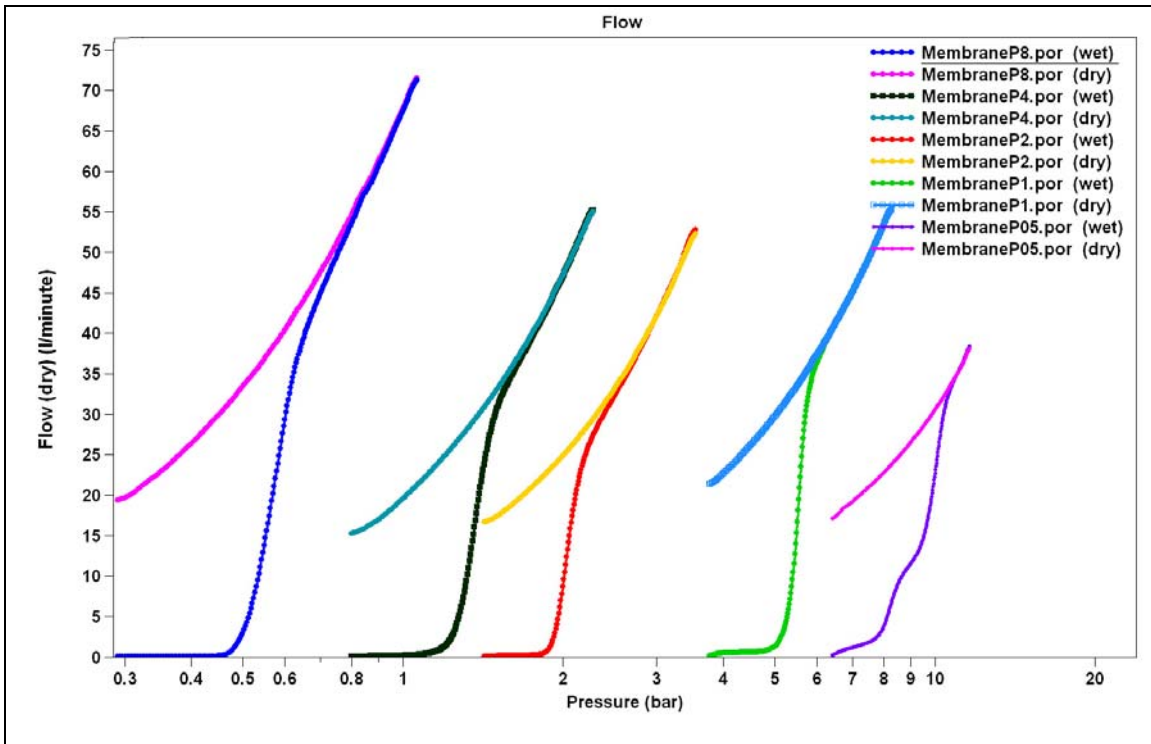
Porometry is ideal for the pore size measurement of track-etched membranes since these materials usually have almost a perfect cylindrical pore structure from one side to the other. Calculated pore number distributions yield numbers close to that of other methods such as electron microscopy.

Each of this series of overlaid samples was measured over a different pore size and pressure range to ensure maximum data resolution. All samples were measured at 25 mm diameter and wetted with Porofil wetting fluid.

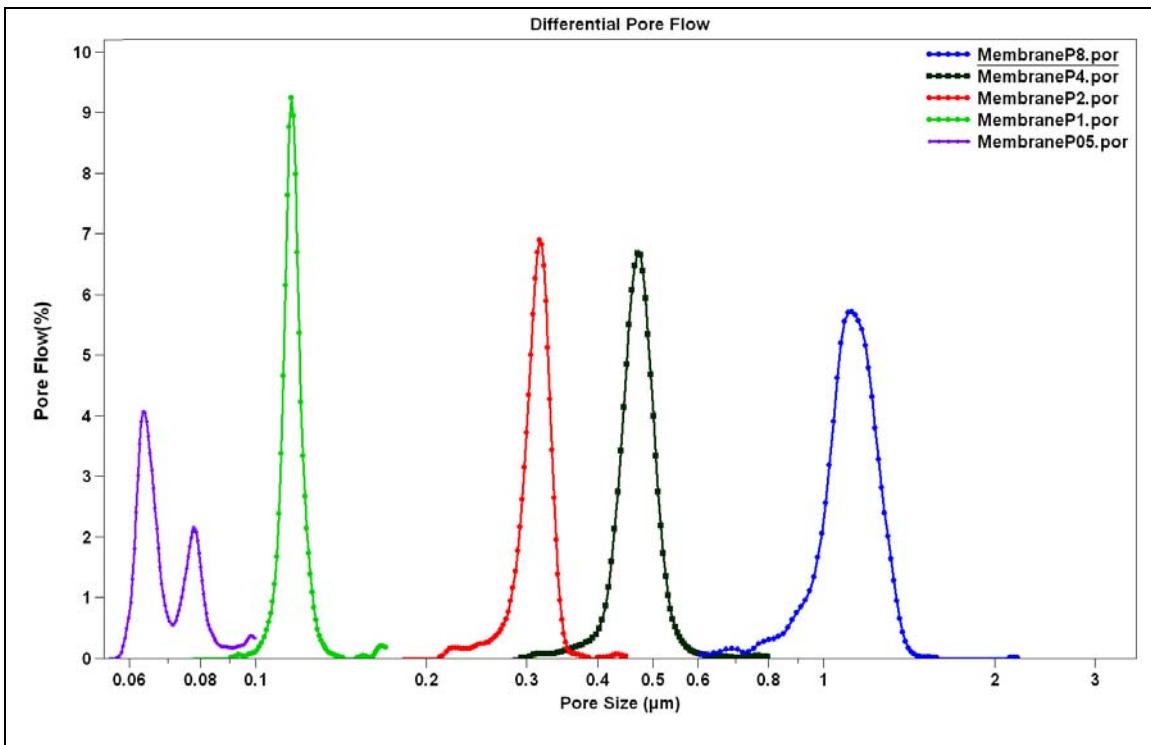


#### Run Data

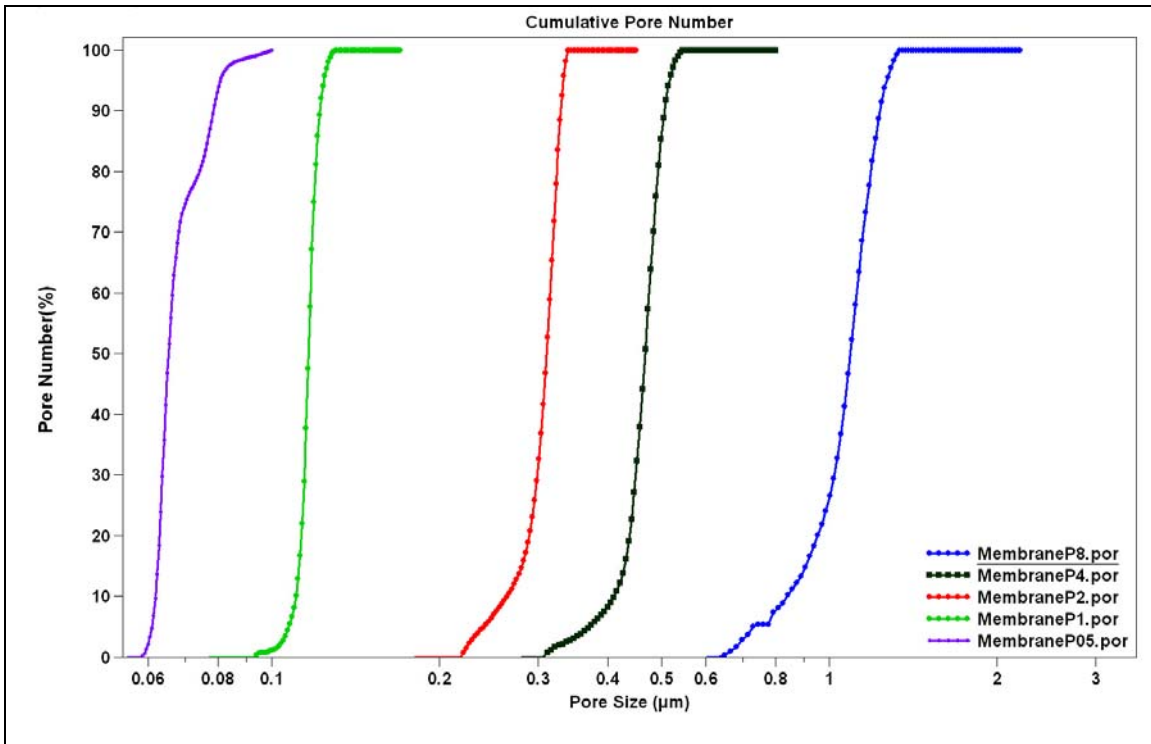
The above run data is probably best viewed as a log/log plot; it is shown on the next page.



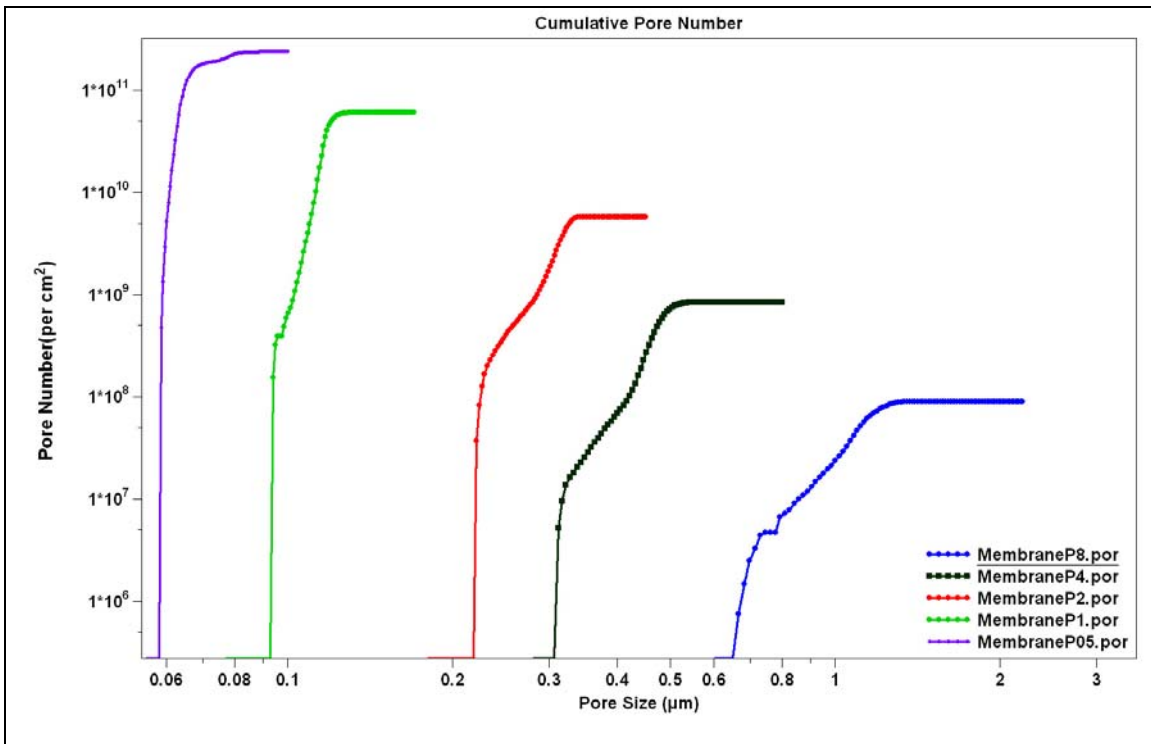
Log Pressure Plot of Overlaid Data



Differential Flow % Size Distributions



Cumulative Number % Pore Size Distributions



Cumulative Number Distributions