***Capillary Rheometry***

***Questionnaire***

1. ***The apparent viscosity (Gamma) is obtained by multiplying the volumetric flow Q by:***

*Where:*

1. ***Suppose you work all day doing some viscosity tests in the Instron and then you realized that while the instrument is set up for a L/D =40 with a 0.05 in diameter, unadvertedly you use a L/D =40 with a 0.03 in diameter.***
   1. ***How would that affect your results?***

*Since:*

*With a thinner diameter, the viscosity measurements would be smaller than expected*

* 1. ***What would you do?***

*Keep working as is. It is probable that the diameter was set to 0.3 as the ratio L/D is to be 40. Assuming L=40\*0.03=1.2, it would be impossible to keep a 40 L to D ratio if D=0.05.*

* 1. ***Would you throw the results away and start all over again?***

*no*

1. ***What other use you can think of for the entrance pressure data?***