

Viscosity, Flow Rate, Cohesion, and Adhesion

How thick a fluid is known as the _____ of the fluid.

The viscosity of a fluid is determined through that fluid's _____.

The _____ of a liquid is closely related to the fluid's _____.

The internal attraction of a fluid's particles is referred to as _____.

When particles of a fluid attract themselves to particles of something else we call this _____.

Milk residue left on a glass after consumption is an example of _____.

Balancing a paperclip carefully on the surface of a container of water is an example of _____.

The wicking of wax up the wick of a burning candle is _____.



The formation of raindrops as water falls from the sky is _____.



Water wetting a sponge or rag is an example of _____.

A honey spoon uses what characteristics of fluids:
_____ and _____.



Fill in the information from the video that you see at the following link:

https://youtu.be/P_jQ1B9UwpU

What are the three factors that affect Viscosity:

1.

2.

3.

Explain why water forms droplets on glass and in air differently:

Explain why the surface curves differently when water or mercury are placed in a glass container:

Explain why a paper clip or bug stays on top of the water:

What is capillary action and what makes this happen?