

Viscosity, Adhesion and Cohesion

Viscosity: How thick a fluid is. Higher viscosity means a thicker fluid. As temperature of a liquid increases, viscosity decreases.

Flow rate: How fast a fluid flows, higher viscosity means a lower flow rate

Adhesion: When one type of particles stick to other types of particles (ex. when water drops stick to the bottom of the glass)

Cohesion: When particles stick to their own type of particle (ex. water droplets)

Surface tension: The top layer of a liquid can resist some force, this allows some things which are denser than the liquid to float on top of it.