

## Huggins equation

The equation describing the dependence of the reduced viscosity,  $\frac{\eta_i}{c}$ , on the mass concentration of a polymer,  $c$ , for dilute polymer solutions of the form:

$$\frac{\eta_i}{c} = [\eta] + k_H [\eta]^2 c$$

where  $k_H$  is the Huggins coefficient and  $[\eta]$  is the intrinsic viscosity.

**Source:**

Purple Book, p. 63