

reduced viscosity

Synonym: viscosity number

of a polymer

of a polymer

The ratio of the relative viscosity increment to the mass concentration of the polymer, c , i.e. $\frac{\eta_i}{c}$, where η_i is the relative viscosity increment.

Notes:

1. The unit must be specified; $\text{cm}^3 \text{g}^{-1}$ is recommended.
2. This quantity is neither a viscosity nor a pure number. The term is to be looked on as a traditional name. Any replacement by consistent terminology would produce unnecessary confusion in the polymer literature. Synonymous with viscosity number.

Source:

Purple Book, p. 63