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Viscosity of polymer solutions

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The viscosity of a **dilute** solution of a **polymer**, measured under certain conditions, can be an indication of the **molecular weight** of the polymer where the **intrinsic viscosity** follows a power law with the molecular weight **Mark-Houwink** equation: $[\eta] = KM\alpha$). In this case, the **linearity** of the plot of the logarithm of the intrinsic viscosity against the logarithm of the molecular weight can be used to calculate the degree of **polymerization**...