

1) GEL Permeation chromatography (GPC) is mostly used method to measure molar mass and molar mass distributions of polymer solutions. Also its polymer molecules are separated by hydrodynamic volume.

2) GPC is a sort of molecular sieving chromatography in which a sample is separated into its constituent pieces based on their molecular sizes. The sample is dissolved in a mobile phase which is a solvent and passed through a porous column package to achieve this.

3) GPC can provide number average molecular weight (M_n), weight average molecular weight (M_w) & average molecular weight (M_z), Molecular weight distribution (MWD) and the polydispersity index (PD). Finally, there is a detector and a data system, GPC component the molecular weight of our sample components is calculated through our sample outcome.