

Determination of molecular weight of High Polymer

Sr.No .	Concentration (M)	Time of flow (sec)	Average time flow (sec)	Relative Viscosity $\eta_t = t/t_0$	specific viscosity $\eta_{sp} = \eta_t - 1$	reduced Viscosity η_{sp}/C
1	Distilled Water	76.5				
		75.5				
		76.1				
		75.8				
		77.1				
2	0.1	81.3				
		81.8				
		82.7				
		82.1				
		82.2				
3	0.2	90.2				
		90.8				
		91.3				
		88.9				
		89.4				

4	0.3	100.8
		99.5
		100.2
		99.8
		99.7
5	0.4	109.3
		109.5
		108.8
		108.2
		109.4
