

VISCOSITY WORK SHEET

Item 1645, 1646 P.T.No. _____ Date 5/8/54
 Worker J. H. Harrison Polymer Lucite + glass Solvent E.D.C.
 For Squire Charge 1244 Temperature 25°C
 Viscometer No. 1 Efflux Time 236.4 Weight: Gross _____
 Viscometer No. 2 Efflux Time 219.8 Tare _____
 Viscometer No. _____ Efflux Time _____ Net _____

fine glass wool came thru screen

Sample	Flask No.	Visc.	Solution	Efflux Times	Rel. Inh. visc.	Visc. or M.W.
4425-15-12-5	M-42	2 ^(#)	288.6, 287.8, 346.5, 395.0	1.311	0.49	11.1%
0.1562 wt. of sample	300 ml	1 ^(#)	308.5, 308.9, 308.6	1.306	0.44	2.5%
4425-15-14-8	21	1 ^(#)	348.1, 340.8, 340.9	1.441	0.67	12.9%
0.1562 wt.	24	2 ^(#)	318.0, 318.4, 318.0	1.450	0.72	17.0%
	#	3	27.7049 27.6875 0.0174	1.562 1.2124 1.388 1.5552		
	#	4	25.6932 25.6872 0.0059	1.562 0.059 1.503 1.6012		
	#	5	24.9289 24.9081 0.0202	1.562 1.0202 1.360 1.5448		
	#	12	24.1834 24.1574 0.0265	1.562 1.0265 1.297 1.5188		

PC-1

N38592