VISCOSITY WORK SHEET

Item 3019 P.T.No. Date 8/25/55

Worker R. Stanley Polymer Lucite Solvent EDC

For Grad Charge 1290 Temperature 25°C

Viscometer No. I Efflux Time 260.2 260.4 Weight: Gross 24979 (3.6141)

Viscometer No. 2 Efflux Time 219.1 219.2 Tare 2.3109 (3.4891)

Viscometer No. III/π Efflux Time 247.7 247.6 Net .1250 (.1250)

288.0 288.1

Sample	Flask	Visc. No.	Solution Efflux Times	Rel. Visc.	Inh.visc. or M.W.
14-303	C	I	~~322.1~~; 322.4; 322.2	1.286	93,500
"	XE	2	270.3; 270.3	1.255	98,000
14-304	8	III	303.4; 303.8; 303.4	1.225	93,000
"	H-21	π	~~353.8~~; 353.2; ~~354.1~~	1.225	93,000
14-305	∞	I	320.0; 318.8; 319.4	1.277	94,000
"	OP	2	269.7; 269.1;	1.228	94,500
14-306	H-2	III	~~296.7~~; ~~296.9~~; 291.6	1.179	68,000
"	CA	π	339.6; 339.7; 339.7	1.178	68,000
14-307	7	I	321.0; 321.2; 321.3	1.233	97,000
"	25	2	270.0; 270.4; 270.0	1.232	96,500
14-308	2	III	303.8; 303.8	1.228	94,500
"	21	π	~~353.2~~; 353.8; 353.6	1.229	95,000
14-309	NAG	I	319.2; 319.5; 319.5	1.226	93,000
"	H-16	2	269.8; ~~274.9~~; 269.8	1.228	96,000
14-310	BPS	III	303.4; 303.2; 303.6	1.228	94,500
"	PDQ	π	354.6; ~~354.3~~; 354.6	1.230	95,500

PC-1

N38781