

VISCOSITY WORK SHEET

Item <u>3017</u>	P.T.No. _____	Date <u>8/24/55</u>
Worker <u>A. Stomley</u>	Polymer <u>Lucite</u>	Solvent <u>EPO</u>
For <u>Thay</u>	Charge <u>1290</u>	Temperature <u>25°C</u>
Viscometer No. <u>I</u>	Efflux Time <u>260.2</u>	Weight: Gross <u>36.146</u>
Viscometer No. <u>2</u>	Efflux Time <u>219.1</u>	Tare <u>3.4394</u>
Viscometer No. <u>III</u>	Efflux Time <u>247.7</u>	Net <u>12.50</u>
<u>R</u>	<u>288.6</u>	

Sample	Flask	Visc.	Solution	Efflux Times	Rel. Visc.	Inh. Visc.
		No.			Visc. / or M.W.	
14-294	15	I	313.0; 313.0		1.202	80,000
"	H-6	2	243.3 243.6; 264.6		1.202	80,000
14-297	13	I	317.8; 317.7; 317.7		1.230	90,000
"	23	2	267.9; 267.9		1.250	90,500
14-298	Agg	III	308.0; 306.7; 306.8		1.040	101,000
"	17	R	356.2; 356.4 356.2		1.237	90,000
14-300	998	I	321.2; 321.2		1.235	98,000
"	VI	2	271.2; 271.0; 271.4		1.237	99,000
14-302	19	III	306.1; 306.1		1.238	100,000
"	H-4	R	356.7; 356.6; 356.7		1.238	100,000
14-317	93	III	294.9; 294.9		1.191	74,000
"	97	R	343.6; 344.0; 343.4		1.191	74,000