

VISCOSITY WORK SHEET

Item	P.T.No.	Date <u>6/27/55</u>
Worker <u>Agnew</u>	Polymer <u>Lucite</u>	Solvent <u>EDC</u>
For <u>Drop</u>	Charge <u>1290</u>	Temperature <u>25°C</u>
Viscometer No. <u>I</u>	Efflux Time <u>221.3</u>	Weight: Gross <u>3.6180</u> 3.6176
Viscometer No. <u>2</u>	Efflux Time <u>218.9</u>	Tare <u>3.4930</u> 3.4926
Viscometer No. <u>III</u> A	Efflux Time <u>247.4</u> <u>287.6</u>	Net <u>1.250</u> 1.250

Sample Flask		Visc. No.	Solution Efflux Times	Rel. Inh. visc. Visc. or M.W.
14-276	5	I	274.8; 274.8	1.242 102,000 ✓
"	H-2	2	273.2; 273.2	1.242 105,500 ✓
5836	X	III	305.8; 305.6; 305.6	1.236 99,000 ✓
"	H-13	A	356.1; 355.8	1.238 100,000 ✓
5838	Z	2	270.8; 271.0	1.237 99,500 ✓
"	22	III	305.5; 305.7; 305.9	1.236 99,000 ✓
5839	8	H	354.1; 354.3; 354.2	1.239 96,500 ✓
"	30	I	272.6; 272.8; 273.1	1.235 98,500 ✓
5840	29	III	303.9; 303.9	1.238 94,500 ✓
"	M-6	H	356.0; 354.5; 354.5; 354.5	1.232 96,500 ✓
5841	4	I	269.3; 269.5; 269.3; 269.4	1.217 88,500 ✓
"	2	2	267.0; 267.2; 267.3; 267.3	1.220 90,000 ✓
5842	24	H	353.1; 353.0; 353.2	1.228 95,500 ✓
"	H-15	I	270.3; 270.3; 270.4	1.224 90,500 ✓
5843	J-9	2	269.6; 269.8; 269.8	1.232 96,500 ✓
"	N	III	305.6; 305.9; 305.6	1.236 96,500 ✓