

VISCOSITY WORK SHEET

Item 3030	P.T.No.	Date 8/31/55
Worker A. Stanley	Polymer Lucite	Solvent EDC
For Study	Charge 1290	Temperature 25°C.
Viscometer No. 1	Efflux Time 260.4	Weight: Gross 5.1899
Viscometer No. 2	Efflux Time 219.0	Tare 5.0649
Viscometer No. III	Efflux Time 247.4	Net 1.250
A	287.9	288.0

Sample	Flask	Visc. No.	Solution	Efflux Times	Rel. Visc.	Inh. Visc. or M.W.
5864-1	25	I	303.4; 303.2; 302.9	1.164	60,000	
"	998	2	255.1; 255.0; 259.8	1.165	61,000	
5864-2	93	III	292.0; 292.5	1.182	69,500	
"	BPS	R	345.7; 343.4; (340.0)	1.180	68,500	
5864-3	21	I	297.0; 296.8; 296.9	1.139	48,000	
"	W	2	249.8; 249.4	1.138	48,000	
5864-4	Agg	I	307.7; 307.6; 307.6	1.179	68,000	2.6129
"	AR	2	260.0; 259.3	1.181	69,000	3.4879
						.1250
5864-5	H-6	III	294.7; 294.6; 294.7	1.191	74,500	
"	VI	R	342.1; 342.1; 241.9	1.189	73,500	
5864-6	QD	I	306.8; 306.6; 306.1	1.175	66,500	
"	HP	2	258.2; 258.2	1.177	66,500	
14-320	KZ	I	314.1; 313.9; 313.8	1.203	80,500	
"	XE	2	264.4; 265.6; 266.4	1.211	85,000	
14-323	H-2	III	299.8; 300.3; 300.2; 304.1	1.211	89,500	
	8	R	351.1; 349.0; 351.6	1.219	89,500	

PC-1

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