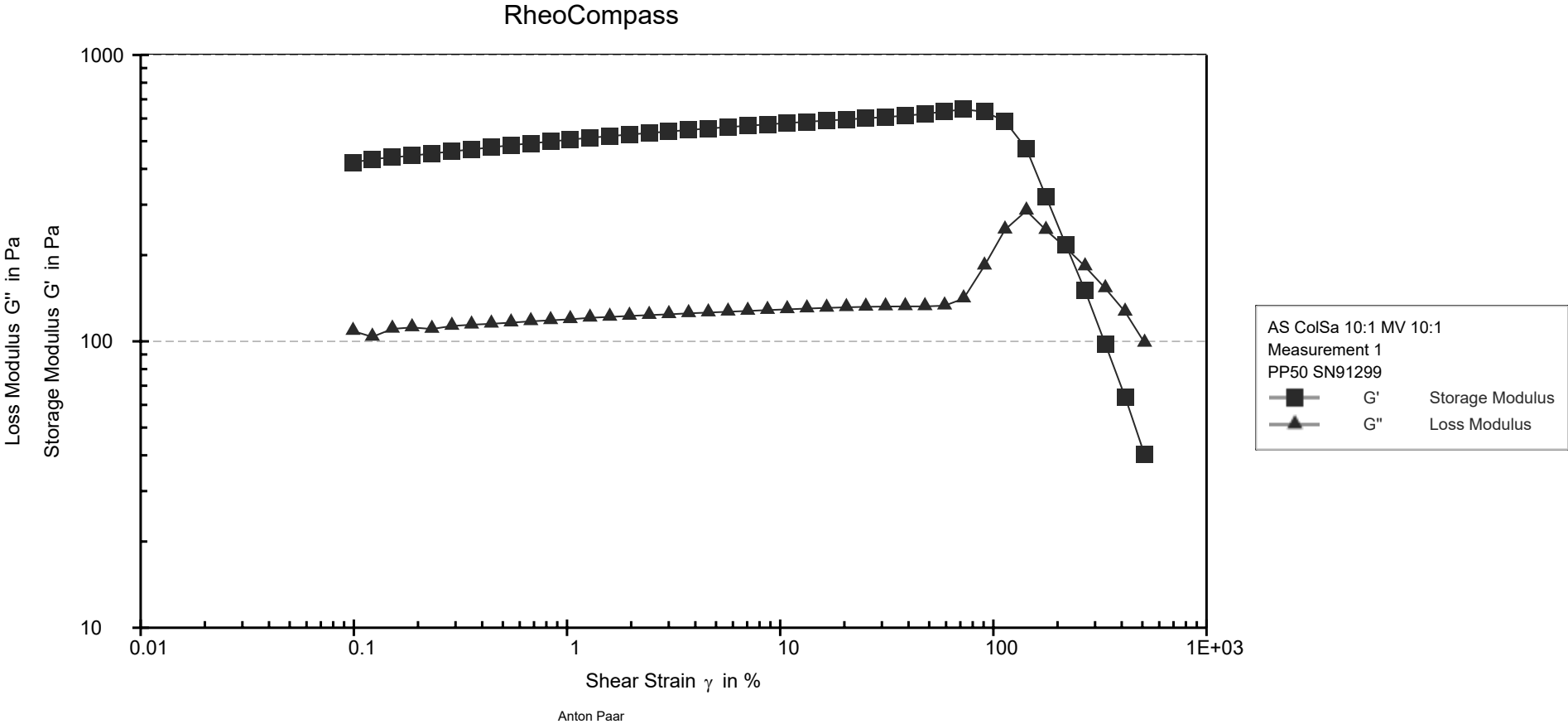


Amplitude Sweep of the ColSa 10:1 MV 18C



Method description:
To measure storage modulus (G') and loss modulus (G'') by varying shear strain from solid to liquid regime. Vary Shear strain (oscillating): 0.01 to 150 % (Ramp Logarithmic). Keep 'frequency' constant at 1 Hz.

Amplitude Sweep of the ColSa 10:1 MV 18C

AS ColSa 10:1 MV 10:1, Measurement 1, Interval 1

Point No. №	Shear Strain γ [%]	Shear Stress τ [Pa]	Storage Modulus G' [Pa]	Loss Modulus G'' [Pa]	Loss Factor $\tan(\delta)$ [1]	Torque M [mN·m]	Status Stat
1	0.0991	0.43064	420.6	108.64	0.258	0.015811	
2	0.122	0.54369	433.01	103.65	0.239	0.019962	
3	0.152	0.68599	438.87	110.54	0.252	0.025187	
4	0.188	0.86079	445.13	111.82	0.251	0.031604	
5	0.232	1.083	452.76	110.44	0.244	0.039762	
6	0.288	1.3667	460.32	113.15	0.246	0.05018	
7	0.357	1.718	468.08	114.28	0.244	0.063076	
8	0.442	2.1614	475.65	115.15	0.242	0.079356	
9	0.546	2.7207	484.1	116.23	0.240	0.09989	
10	0.676	3.4174	491.35	117.46	0.239	0.12547	
11	0.838	4.2916	498.4	118.43	0.238	0.15757	
12	1.04	5.3889	506.44	119.39	0.236	0.19786	
13	1.28	6.7655	513.76	120.85	0.235	0.2484	
14	1.59	8.4859	520.68	121.7	0.234	0.31156	
15	1.96	10.628	527.44	122.66	0.233	0.3902	
16	2.43	13.31	533.95	123.5	0.231	0.48869	
17	3	16.664	540.45	124.27	0.230	0.61184	
18	3.72	20.867	547	125.23	0.229	0.76614	
19	4.6	26.124	553.56	126.05	0.228	0.95914	
20	5.69	32.685	559.86	126.86	0.227	1.2	
21	7.05	40.88	566.01	127.69	0.226	1.5009	



Method description:

To measure storage modulus (G') and loss modulus (G'') by varying shear strain from solid to liquid regime. Vary Shear strain (oscillating): 0.01 to 150 % (Ramp Logarithmic). Keep 'frequency' constant at 1 Hz.

Amplitude Sweep of the ColSa 10:1 MV 18C

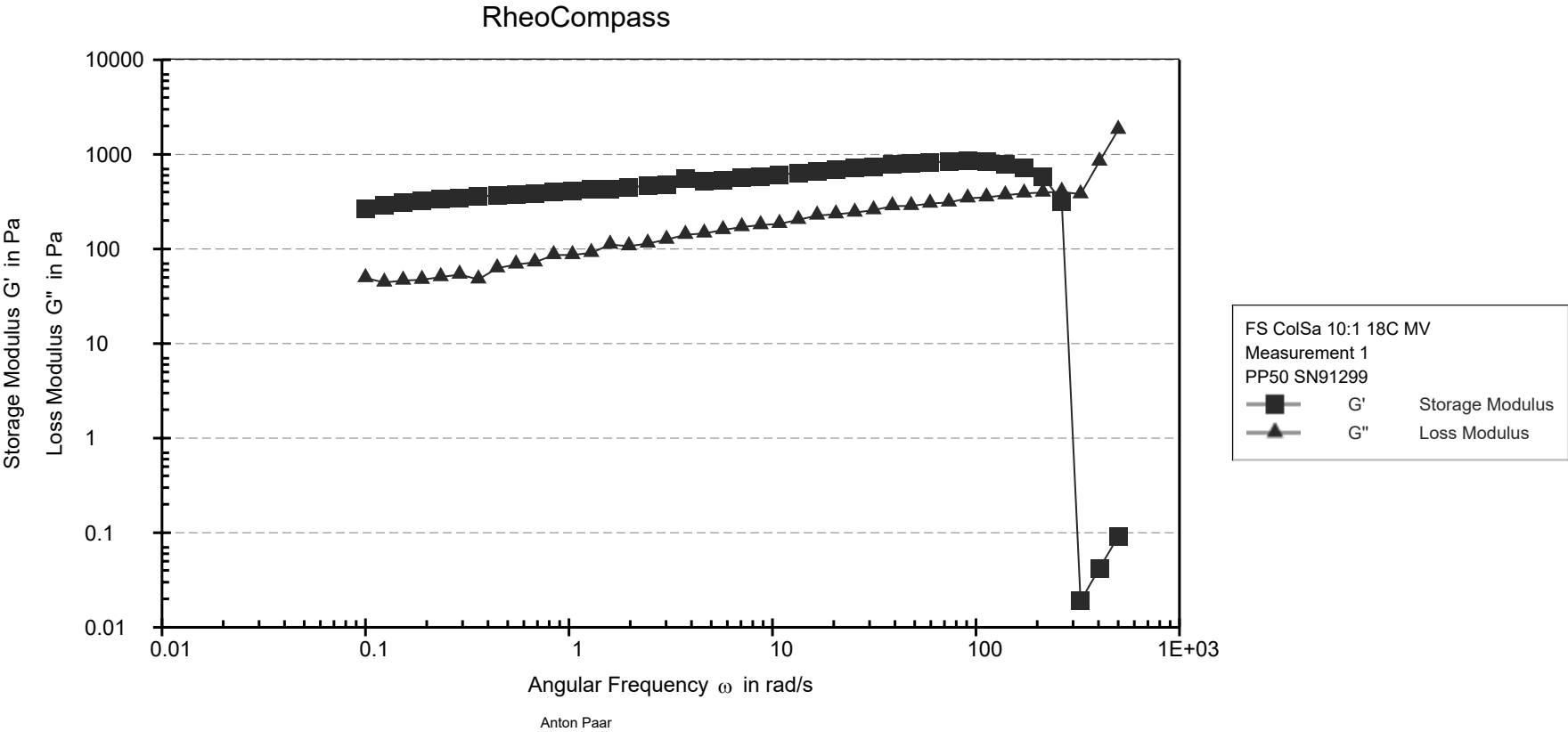
22	8.72	51.139	572.33	128.57	0.225	1.8776
23	10.8	63.93	578.36	129.33	0.224	2.3472
24	13.3	79.907	584.25	130.16	0.223	2.9338
25	16.5	99.826	590	130.85	0.222	3.6651
26	20.4	124.67	595.46	131.48	0.221	4.5773
27	25.2	155.19	601.04	132	0.220	5.6978
28	31.2	193.86	606.89	132.29	0.218	7.1178
29	38.6	242.4	613.59	132.44	0.216	8.8999
30	47.8	303.94	622.49	132.44	0.213	11.159
31	59	382.89	634.59	133.22	0.210	14.058
32	72.5	479.46	645.97	141.05	0.218	17.603
33	90.8	598.92	633.26	183.66	0.290	21.99
34	113	721.68	587.38	245.37	0.418	26.497
35	143	786.06	470.05	285.8	0.608	28.86
36	176	711.66	320.66	244.63	0.763	26.129
37	218	665.11	217.99	212.62	0.975	24.42
38	269	636.6	150.29	182.48	1.214	23.373
39	335	608.82	97.765	153.07	1.566	22.353
40	415	589.21	63.974	126.75	1.981	21.633
41	512	546.11	40.176	98.744	2.458	20.051



Method description:

To measure storage modulus (G') and loss modulus (G'') by varying shear strain from solid to liquid regime. Vary Shear strain (oscillating): 0.01 to 150 % (Ramp Logarithmic). Keep 'frequency' constant at 1 Hz.

Frequency sweep of the ColSa 10:1 MV 18C



Method description:

To measure G' and G'' by varying angular frequency in linear viscoelastic region. Vary Angular Frequency: 0.1 to 500 rad/s (Ramp Logarithmic). Keep Shear Strain constant at 0.1%

Frequency sweep of the ColSa 10:1 MV 18C

FS ColSa 10:1 18C MV, Measurement 1, Interval 1

Point No. №	Angular Frequency ω [rad/s]	Complex Viscosity $ \eta^* $ [Pa·s]	Storage Modulus G' [Pa]	Loss Modulus G'' [Pa]	Loss Factor $\tan(\delta)$ [1]	Shear Strain γ [%]	Shear Stress τ [Pa]	Torque M [mN·m]	Status Stat
1	0.1	2726	268.11	49.275	0.184	0.00839	0.022863	0.00083944	M- ,WMa
2	0.124	2364.8	289.23	44.245	0.153	0.0896	0.26231	0.0096306	WMa
3	0.153	2031.1	307.47	46.351	0.151	0.0983	0.30566	0.011222	
4	0.189	1736.8	325.57	47.289	0.145	0.0975	0.32079	0.011778	
5	0.234	1454.1	337.04	50.487	0.150	0.0982	0.33461	0.012285	
6	0.29	1211.9	347.3	53.672	0.155	0.0982	0.34518	0.012673	
7	0.359	1016.8	361.7	47.721	0.132	0.0972	0.35471	0.013023	
8	0.444	837.08	366.31	62.553	0.171	0.0983	0.36538	0.013415	
9	0.549	698.24	377.34	68.631	0.182	0.0992	0.38043	0.013968	
10	0.68	575.09	384.12	72.203	0.188	0.0984	0.38469	0.014124	
11	0.841	483.42	397.23	86.356	0.217	0.0998	0.40558	0.014891	
12	1.04	403.12	410.42	86.394	0.211	0.0984	0.41256	0.015147	
13	1.29	337.58	424.94	91.007	0.214	0.0992	0.43107	0.015827	
14	1.59	280.37	432.48	111.28	0.257	0.1	0.44644	0.016391	
15	1.97	233.96	448.48	107.05	0.239	0.0999	0.46067	0.016914	
16	2.44	197.01	466.62	114.27	0.245	0.0977	0.46915	0.017225	
17	3.02	164.81	481.14	125.52	0.261	0.1	0.49812	0.018289	
18	3.73	152.45	551.26	141.41	0.257	0.0919	0.52313	0.019207	WMa
19	4.62	116.51	517.96	146.05	0.282	0.101	0.54419	0.01998	
20	5.71	97.822	536.04	158.73	0.296	0.0996	0.55681	0.020443	
21	7.07	83.297	563.77	170.56	0.303	0.0992	0.58415	0.021447	



Method description:

To measure G' and G'' by varying angular frequency in linear viscoelastic region. Vary Angular Frequency: 0.1 to 500 rad/s (Ramp Logarithmic). Keep Shear Strain constant at 0.1%

Frequency sweep of the ColSa 10:1 MV 18C

22	8.75	69.398	580.2	178.93	0.308	0.101	0.61049	0.022414	
23	10.8	58.988	611.32	184.52	0.302	0.0975	0.62276	0.022865	
24	13.4	49.836	635.77	203.35	0.320	0.1	0.66817	0.024532	
25	16.6	41.927	657.11	225.8	0.344	0.101	0.70031	0.025712	
26	20.5	35.446	688.52	232.81	0.338	0.101	0.73487	0.026981	
27	25.4	29.716	713.75	242.82	0.340	0.1	0.75574	0.027747	
28	31.4	25.087	744.3	257.26	0.346	0.1	0.78863	0.028955	
29	38.8	21.355	779.34	283.87	0.364	0.0987	0.81905	0.030072	
30	48.1	17.674	799.95	285.42	0.357	0.0995	0.84494	0.031022	
31	59.5	14.791	825.99	302.09	0.366	0.0994	0.87427	0.032099	
32	73.6	12.175	840.04	310.93	0.370	0.101	0.90653	0.033284	
33	91	10.083	851.27	343.1	0.403	0.0994	0.91247	0.033502	
34	113	8.1155	843.6	351.89	0.417	0.1	0.91422	0.033566	
35	139	6.2856	793.83	370.26	0.466	0.0994	0.87039	0.031957	
36	172	4.7426	720.33	387.08	0.537	0.1	0.81859	0.030055	
37	213	3.3031	583.42	395.22	0.677	0.1	0.70462	0.02587	
38	264	1.9428	317.45	402.78	1.269	0.1	0.513	0.018835	
39	327	1.1614	0.018966	379.32	20000.000	0.1	0.37967	0.01394	ME-,taD
40	404	2.0812	0.042051	841.02	20000.000	0.1	0.84088	0.030873	ME-,taD
41	500	3.6429	0.091073	1821.5	20000.000	0.1	1.8208	0.066853	ME-,taD



Method description:

To measure G' and G'' by varying angular frequency in linear viscoelastic region. Vary Angular Frequency: 0.1 to 500 rad/s (Ramp Logarithmic). Keep Shear Strain constant at 0.1%

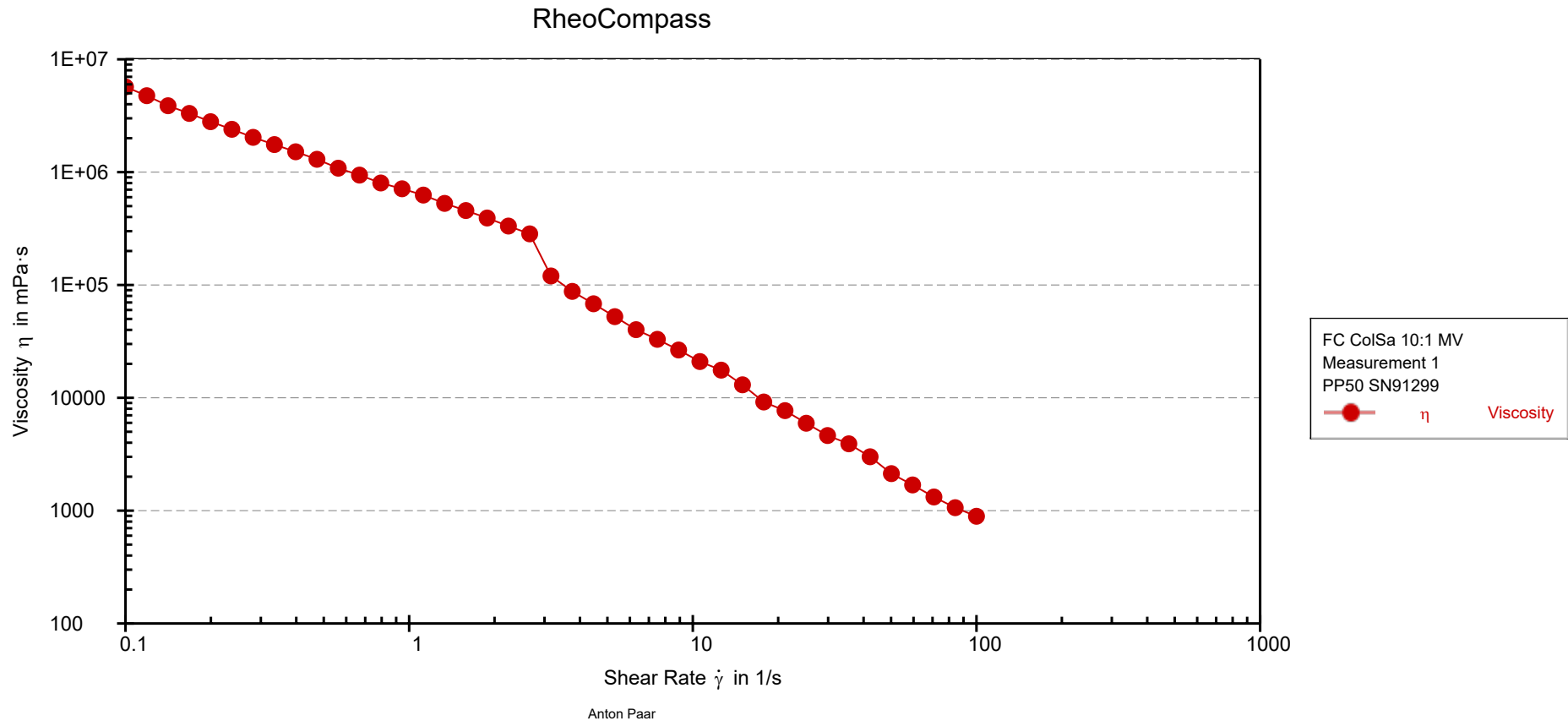
Frequency sweep of the ColSa 10:1 MV 18C



Method description:

To measure G' and G'' by varying angular frequency in linear viscoelastic region. Vary Angular Frequency: 0.1 to 500 rad/s (Ramp Logarithmic). Keep Shear Strain constant at 0.1%

Flow curve of the CoSa 10:1 MV 18 C



Method description:

To measure viscosity by varying Shear Rate. Vary Shear Rate: 0.1 to 100 s⁻¹ (Ramp Logarithmic)

Flow curve of the ColSa 10:1 MV 18 C

FC ColSa 10:1 MV, Measurement 1, Interval 1

Point No. №	Shear Rate $\dot{\gamma}$ [1/s]	Shear Stress τ [Pa]	Viscosity η [mPa·s]	Torque M [mN·m]	Status Stat
1	0.1	569.11	5.691E+06	20.895	Sdy,Dy_auto
2	0.119	565.67	4.7595E+06	20.769	Sdy,Dy_auto
3	0.141	547.74	3.8777E+06	20.11	Sdy,Dy_auto
4	0.168	556.4	3.3143E+06	20.429	Sdy,Dy_auto
5	0.2	558.65	2.7999E+06	20.511	Sdy,Dy_auto
6	0.237	568.52	2.3974E+06	20.874	Sdy,Dy_auto
7	0.282	573.21	2.0338E+06	21.046	Sdy,Dy_auto
8	0.335	587.99	1.7554E+06	21.588	Sdy,Dy_auto
9	0.398	603.22	1.5152E+06	22.147	Sdy,Dy_auto
10	0.473	614.95	1.2997E+06	22.578	Sdy,Dy_auto
11	0.562	609.7	1.0842E+06	22.385	Sdy,Dy_auto
12	0.668	629.2	9.4142E+05	23.101	Sdy,Dy_auto
13	0.794	636.72	8.0158E+05	23.377	Sdy,Dy_auto
14	0.944	672.13	7.1195E+05	24.677	Sdy,Dy_auto
15	1.12	702.58	6.2617E+05	25.796	Sdy,Dy_auto
16	1.33	704.81	5.2853E+05	25.877	Sdy,Dy_auto
17	1.58	723.76	4.5666E+05	26.573	Sdy,Dy_auto
18	1.88	738.72	3.9218E+05	27.122	Sdy,Dy_auto
19	2.24	744.92	3.3274E+05	27.35	Sdy,Dy_auto
20	2.66	755.11	2.838E+05	27.724	Sdy,Dy_auto
21	3.16	380.06	1.2019E+05	13.954	Sdy,Dy_auto



Method description:

To measure viscosity by varying Shear Rate. Vary Shear Rate: 0.1 to 100 s⁻¹ (Ramp Logarithmic)

Flow curve of the ColSa 10:1 MV 18 C

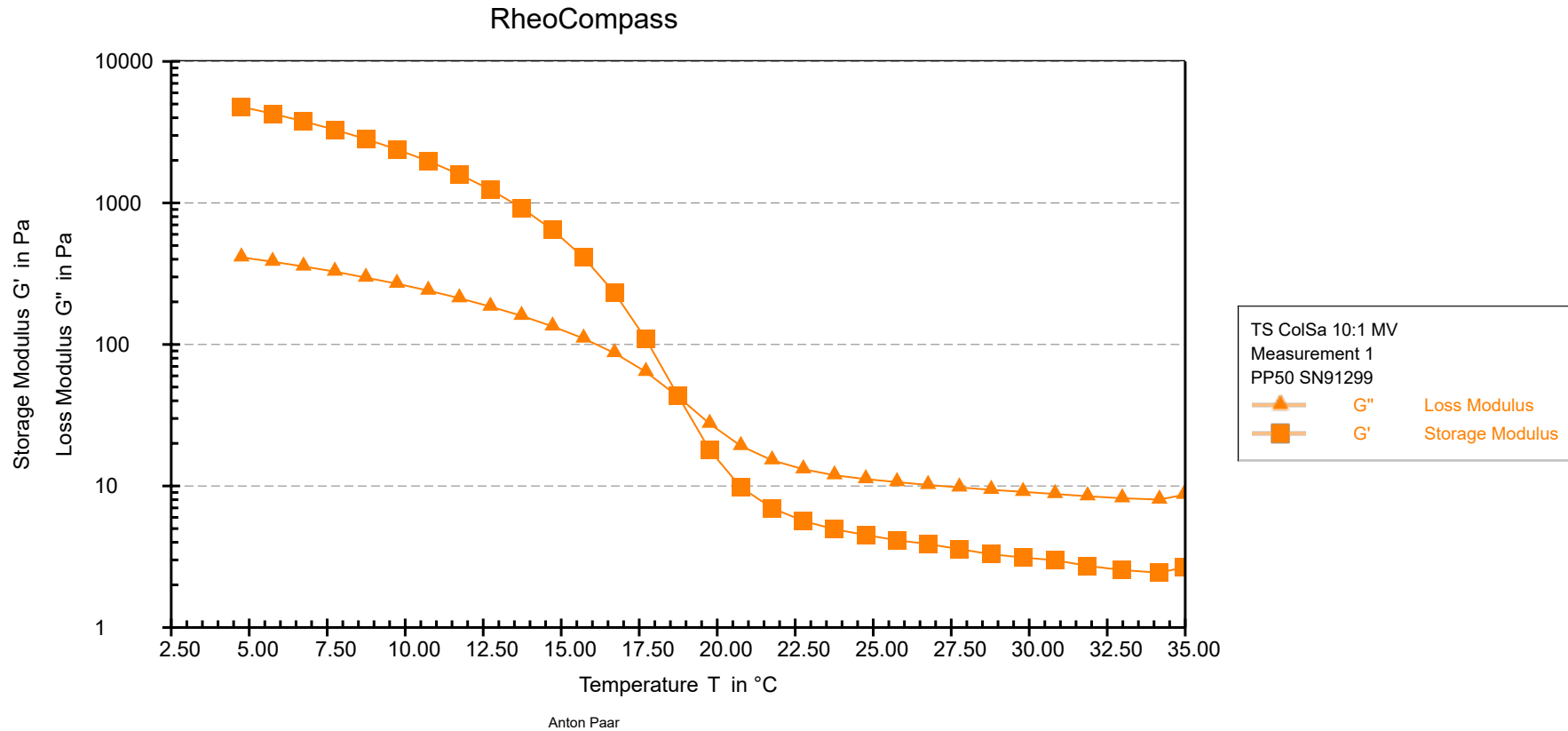
22	3.76	329.75	87737	12.107	Sdy,Dy_auto
23	4.47	304.29	68121	11.172	Sdy,Dy_auto
24	5.31	278.15	52394	10.212	Sdy,Dy_auto
25	6.31	253.4	40160	9.3035	Sdy,Dy_auto
26	7.5	247.33	32982	9.081	Sdy,Dy_auto
27	8.91	236.43	26526	8.6806	WMa,Dy_auto
28	10.6	222.03	20959	8.1518	Sdy,Dy_auto
29	12.6	221.43	17585	8.13	Sdy,Dy_auto
30	15	195.14	13038	7.1648	Sdy,Dy_auto
31	17.8	163.29	9180.1	5.9954	Sdy,Dy_auto
32	21.1	162.72	7697.6	5.9742	Sdy,Dy_auto
33	25.1	149.47	5951.3	5.4879	Sdy,Dy_auto
34	29.9	138.23	4630	5.0752	Sdy,Dy_auto
35	35.5	138.77	3910.8	5.0948	Sdy,Dy_auto
36	42.2	126.59	3002	4.6478	Sdy,Dy_auto
37	50.1	106.68	2128.2	3.9166	Sdy,Dy_auto
38	59.6	100.61	1689.5	3.6941	Sdy,Dy_auto
39	70.8	93.55	1321.4	3.4347	Sdy,Dy_auto
40	84.1	89.349	1061.8	3.2805	Sdy,Dy_auto
41	100	89.156	891.52	3.2734	Sdy,Dy_auto



Method description:

To measure viscosity by varying Shear Rate. Vary Shear Rate: 0.1 to 100 s⁻¹ (Ramp Logarithmic)

Temperature Sweep of the CoSa 10:1 MV



Method description:
Vary temperature from 30 to 5 C keep shear strain constant 1%.

Temperature Sweep of the CoSa 10:1 MV

TS CoSa 10:1 MV, Measurement 1, Interval 1

Point No. №	Time t [s]	Temperature T [°C]	Storage Modulus G' [Pa]	Loss Modulus G'' [Pa]	Loss Factor tan(δ) [1]	Complex Viscosity η* [mPa·s]	Gap d [mm]	Normal Force F _N [N]	Torque M [μN·m]	Status Stat
1	60.000	34.96	2.6662	8.6693	3.25	907.01	1.000	---	3.33	
2	120.000	34.17	2.4368	8.0161	3.29	837.83	0.999	---	3.0747	
3	180.000	32.98	2.5452	8.1905	3.22	857.69	1.000	---	3.1488	
4	240.000	31.87	2.7268	8.4609	3.1	888.94	1.000	---	3.2637	
5	300.000	30.83	2.9873	8.7734	2.94	926.8	1.000	---	3.4008	
6	360.000	29.80	3.1201	9.0868	2.91	960.76	1.000	---	3.5282	
7	420.000	28.78	3.2941	9.4009	2.85	996.13	1.000	---	3.6617	
8	480.000	27.76	3.5771	9.7641	2.73	1039.9	0.999	---	3.8184	
9	540.000	26.76	3.8913	10.166	2.61	1088.5	0.999	---	3.9941	
10	600.000	25.76	4.1329	10.656	2.58	1142.9	1.000	---	4.1962	
11	660.000	24.76	4.5039	11.179	2.48	1205.3	1.000	---	4.4243	
12	720.000	23.76	4.9404	11.91	2.41	1289.4	1.000	---	4.7339	
13	780.000	22.76	5.6579	13.127	2.32	1429.4	1.000	---	5.2468	
14	840.000	21.76	6.9762	15.191	2.18	1671.6	1.000	---	6.1295	
15	900.000	20.76	9.7835	19.17	1.96	2152.2	1.000	---	7.8793	
16	960.000	19.76	17.965	27.529	1.53	3287.3	1.000	---	11.986	
17	1020.000	18.74	43.672	42.928	0.983	6123.8	1.000	---	22.232	
18	1080.000	17.71	109.17	64.038	0.587	12657	1.000	---	45.81	
19	1140.000	16.71	231.82	86.985	0.375	24760	0.999	---	89.174	
20	1200.000	15.72	412.05	110.23	0.268	42654	0.999	---	154.23	
21	1260.000	14.72	644.37	134.08	0.208	65817	0.999	---	238.5	



Method description:
Vary temperature from 30 to 5 C keep shear strain constant 1%.

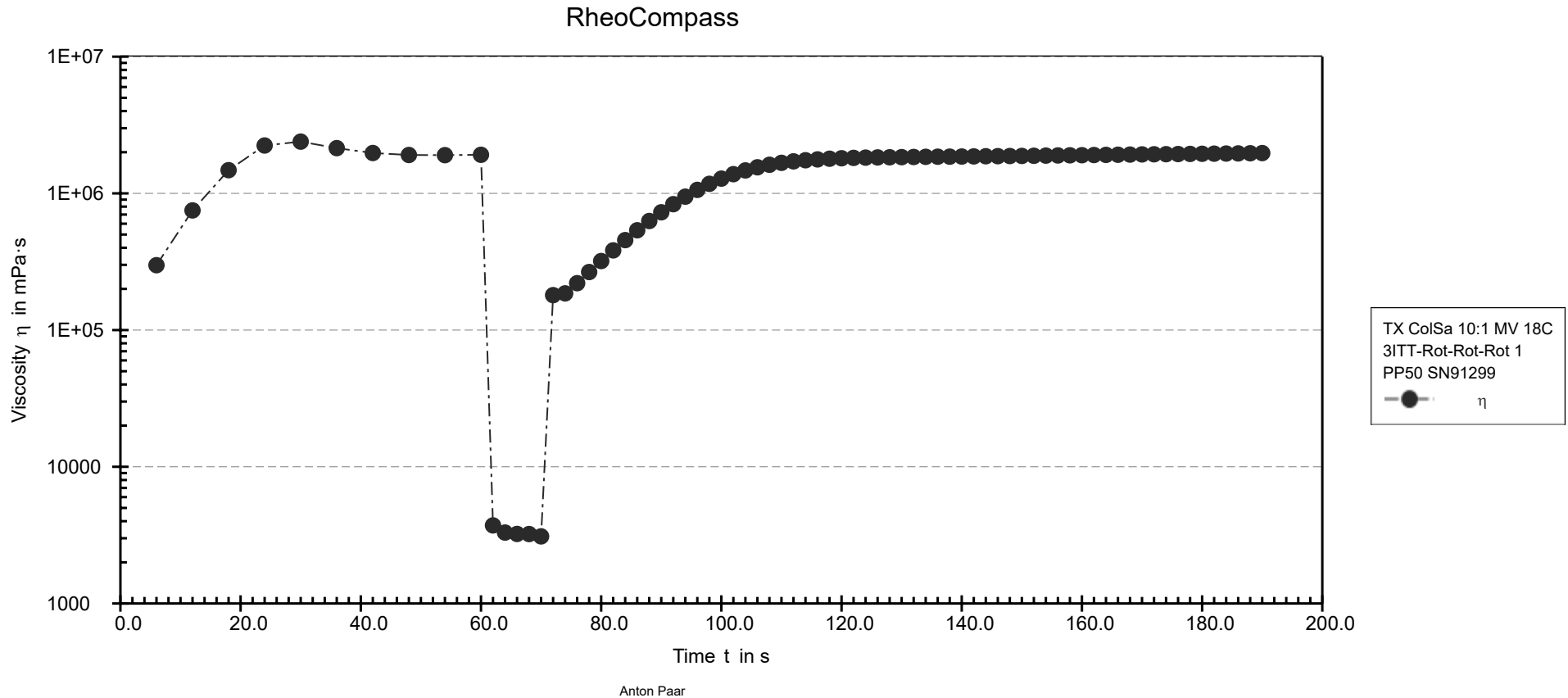
Temperature Sweep of the CoISa 10:1 MV

22	1320.000	13.73	922.97	159.47	0.173	93664	1.000	---	340.02
23	1380.000	12.73	1240.5	185.06	0.149	1.2542E+05	1.000	---	455.65
24	1440.000	11.74	1591.6	212.32	0.133	1.6057E+05	1.000	---	584.04
25	1500.000	10.74	1977	240.2	0.121	1.9916E+05	1.000	---	726.42
26	1560.000	9.73	2389.9	268.91	0.113	2.4049E+05	1.000	---	876.68
27	1620.000	8.74	2830.2	296.69	0.105	2.8457E+05	1.000	---	1038.6
28	1680.000	7.74	3290.3	327.18	0.0994	3.3065E+05	1.000	---	1207
29	1740.000	6.74	3773.2	355.71	0.0943	3.7899E+05	1.000	---	1384.6
30	1800.000	5.75	4272.3	384.45	0.09	4.2896E+05	1.000	---	1568.4
31	1860.000	4.75	4780.5	412.61	0.0863	4.7982E+05	1.000	---	1747.4



Method description:
Vary temperture from 30 to 5 C keep shear strain constant 1%.

Thixotropic Behavior of the ColSa 10:1 MV



Method description:

To measure viscosity by varying Shear Rate periodically high and low. Vary Shear Rate periodically from 0.1 s⁻¹ (for 60 s) to 100 s⁻¹ (for 10 s) and than to 0.1 s⁻¹ (120 s).

Thixotropic Behavior of the ColSa 10:1 MV

100

TX ColSa 10:1 MV 18C, 3ITT-Rot-Rot-Rot 1, Interval 1

Point No. №	Time t [s]	Shear Stress τ [Pa]	Viscosity η [mPa·s]	Torque M [μ N·m]	Status Stat
1	6.00	29.823	2.9823E+05	1095	Dy_au to
2	12.00	75.032	7.5033E+05	2754.8	Dy_au to
3	18.00	147.79	1.4779E+06	5426.1	Dy_au to
4	24.00	223.98	2.2397E+06	8223.6	Dy_au to
5	30.00	239.11	2.3911E+06	8779	Dy_au to
6	36.00	214.28	2.1428E+06	7867.4	Dy_au to
7	42.00	197.35	1.9735E+06	7245.7	Dy_au to
8	48.00	190.9	1.909E+06	7009	Dy_au to
9	54.00	190.4	1.9039E+06	6990.5	Dy_au to
10	60.00	191.53	1.9153E+06	7032	Dy_au to

TX ColSa 10:1 MV 18C, 3ITT-Rot-Rot-Rot 1, Interval 2



Method description:

To measure viscosity by varying Shear Rate periodically high and low. Vary Shear Rate periodically from 0.1 s⁻¹ (for 60 s) to 100 s⁻¹ (for 10 s) and than to 0.1 s⁻¹ (120 s).

Thixotropic Behavior of the CoSa 10:1 MV

100

Point No. №	Time t [s]	Shear Stress τ [Pa]	Viscosity η [mPa·s]	Torque M [μ N·m]	Status Stat
1	62.00	372.83	3724.6	13689	Dy_au to
2	64.00	330.39	3301.9	12130	Dy_au to
3	66.00	322.44	3225.6	11839	Dy_au to
4	68.00	322	3220.1	11822	Dy_au to
5	70.00	309.67	3096.3	11370	Dy_au to

TX CoSa 10:1 MV 18C, 3ITT-Rot-Rot-Rot 1, Interval 3

Point No. №	Time t [s]	Shear Stress τ [Pa]	Viscosity η [mPa·s]	Torque M [μ N·m]	Status Stat
1	72.00	18.01	1.801E+05	661.26	Dy_au to
2	74.00	18.552	1.8553E+05	681.15	Dy_au to
3	76.00	22.033	2.2034E+05	808.95	Dy_au to
4	78.00	26.579	2.658E+05	975.87	Dy_au to



Method description:

To measure viscosity by varying Shear Rate periodically high and low. Vary Shear Rate periodically from 0.1 s⁻¹ (for 60 s) to 100 s⁻¹ (for 10 s) and than to 0.1 s⁻¹ (120 s).

Thixotropic Behavior of the ColSa 10:1 MV

5	80.00	31.99	3.1991E+05	1174.5	Dy_au o
6	82.00	38.283	3.8284E+05	1405.6	Dy_au o
7	84.00	45.504	4.5505E+05	1670.7	Dy_au o
8	86.00	53.694	5.3696E+05	1971.4	Dy_au o
9	88.00	62.786	6.2787E+05	2305.2	Dy_au o
10	90.00	72.706	7.271E+05	2669.4	Dy_au o
11	92.00	83.37	8.3371E+05	3060.9	Dy_au o
12	94.00	94.608	9.4606E+05	3473.6	Dy_au o
13	96.00	106.06	1.0606E+06	3894	Dy_au o
14	98.00	117.43	1.1743E+06	4311.3	Dy_au o
15	100.00	128.23	1.2822E+06	4707.9	Dy_au o
16	102.00	138.2	1.382E+06	5074.2	Dy_au o
17	104.00	147.18	1.4719E+06	5403.9	Dy_au o
18	106.00	155.17	1.5516E+06	5697	Dy_au



Method description:

To measure viscosity by varying Shear Rate periodically high and low. Vary Shear Rate periodically from 0.1 s⁻¹ (for 60 s) to 100 s⁻¹ (for 10 s) and than to 0.1 s⁻¹ (120 s).

Thixotropic Behavior of the ColSa 10:1 MV

19	108.00	161.9	1.619E+06	5944.2	o Dy_aut o
20	110.00	167.25	1.6726E+06	6140.7	Dy_aut o
21	112.00	171.47	1.7147E+06	6295.4	Dy_aut o
22	114.00	174.73	1.7473E+06	6415.3	Dy_aut o
23	116.00	177.25	1.7726E+06	6508	Dy_aut o
24	118.00	179.25	1.7924E+06	6581.1	Dy_aut o
25	120.00	180.71	1.8072E+06	6634.9	Dy_aut o
26	122.00	181.8	1.8179E+06	6674.8	Dy_aut o
27	124.00	182.62	1.8261E+06	6704.9	Dy_aut o
28	126.00	183.21	1.8322E+06	6726.7	Dy_aut o
29	128.00	183.68	1.8367E+06	6743.7	Dy_aut o
30	130.00	184.1	1.8409E+06	6759.2	Dy_aut o
31	132.00	184.59	1.8459E+06	6777.3	Dy_aut o



Method description:

To measure viscosity by varying Shear Rate periodically high and low. Vary Shear Rate periodically from 0.1 s⁻¹ (for 60 s) to 100 s⁻¹ (for 10 s) and than to 0.1 s⁻¹ (120 s).

Thixotropic Behavior of the ColSa 10:1 MV

32	134.00	185.12	1.851E+06	6796.6	Dy_au to
33	136.00	185.45	1.8544E+06	6808.9	Dy_au to
34	138.00	185.6	1.856E+06	6814.4	Dy_au to
35	140.00	185.96	1.8595E+06	6827.7	Dy_au to
36	142.00	186.44	1.8644E+06	6845.1	Dy_au to
37	144.00	186.86	1.8687E+06	6860.7	Dy_au to
38	146.00	187.17	1.8717E+06	6872.2	Dy_au to
39	148.00	187.54	1.8755E+06	6885.6	Dy_au to
40	150.00	187.89	1.8789E+06	6898.5	Dy_au to
41	152.00	188.39	1.8837E+06	6916.7	Dy_au to
42	154.00	188.92	1.8893E+06	6936.4	Dy_au to
43	156.00	189.42	1.8941E+06	6954.7	Dy_au to
44	158.00	189.84	1.8983E+06	6970.1	Dy_au to
45	160.00	190.21	1.9022E+06	6983.7	Dy_au to



Method description:

To measure viscosity by varying Shear Rate periodically high and low. Vary Shear Rate periodically from 0.1 s⁻¹ (for 60 s) to 100 s⁻¹ (for 10 s) and than to 0.1 s⁻¹ (120 s).

Thixotropic Behavior of the ColSa 10:1 MV

46	162.00	190.74	1.9075E+06	7003.1	Dy_au o
47	164.00	191.23	1.9122E+06	7021	Dy_au o
48	166.00	191.69	1.9171E+06	7038.1	Dy_au o
49	168.00	192.24	1.9223E+06	7058.2	Dy_au o
50	170.00	192.78	1.9277E+06	7077.9	Dy_au o
51	172.00	193.16	1.9316E+06	7091.8	Dy_au o
52	174.00	193.53	1.9352E+06	7105.5	Dy_au o
53	176.00	193.93	1.9394E+06	7120.1	Dy_au o
54	178.00	194.37	1.9437E+06	7136.4	Dy_au o
55	180.00	194.77	1.9477E+06	7151.1	Dy_au o
56	182.00	195.21	1.9521E+06	7167	Dy_au o
57	184.00	195.61	1.9562E+06	7181.8	Dy_au o
58	186.00	196.05	1.9606E+06	7198.2	Dy_au o



Method description:

To measure viscosity by varying Shear Rate periodically high and low. Vary Shear Rate periodically from 0.1 s⁻¹ (for 60 s) to 100 s⁻¹ (for 10 s) and than to 0.1 s⁻¹ (120 s).

Thixotropic Behavior of the ColSa 10:1 MV

59	188.00	196.54	1.9654E+06	7216	Dy_au o
60	190.00	197.09	1.9709E+06	7236.2	Dy_au o



Method description:

To measure viscosity by varying Shear Rate periodically high and low. Vary Shear Rate periodically from 0.1 s⁻¹ (for 60 s) to 100 s⁻¹ (for 10 s) and than to 0.1 s⁻¹ (120 s).