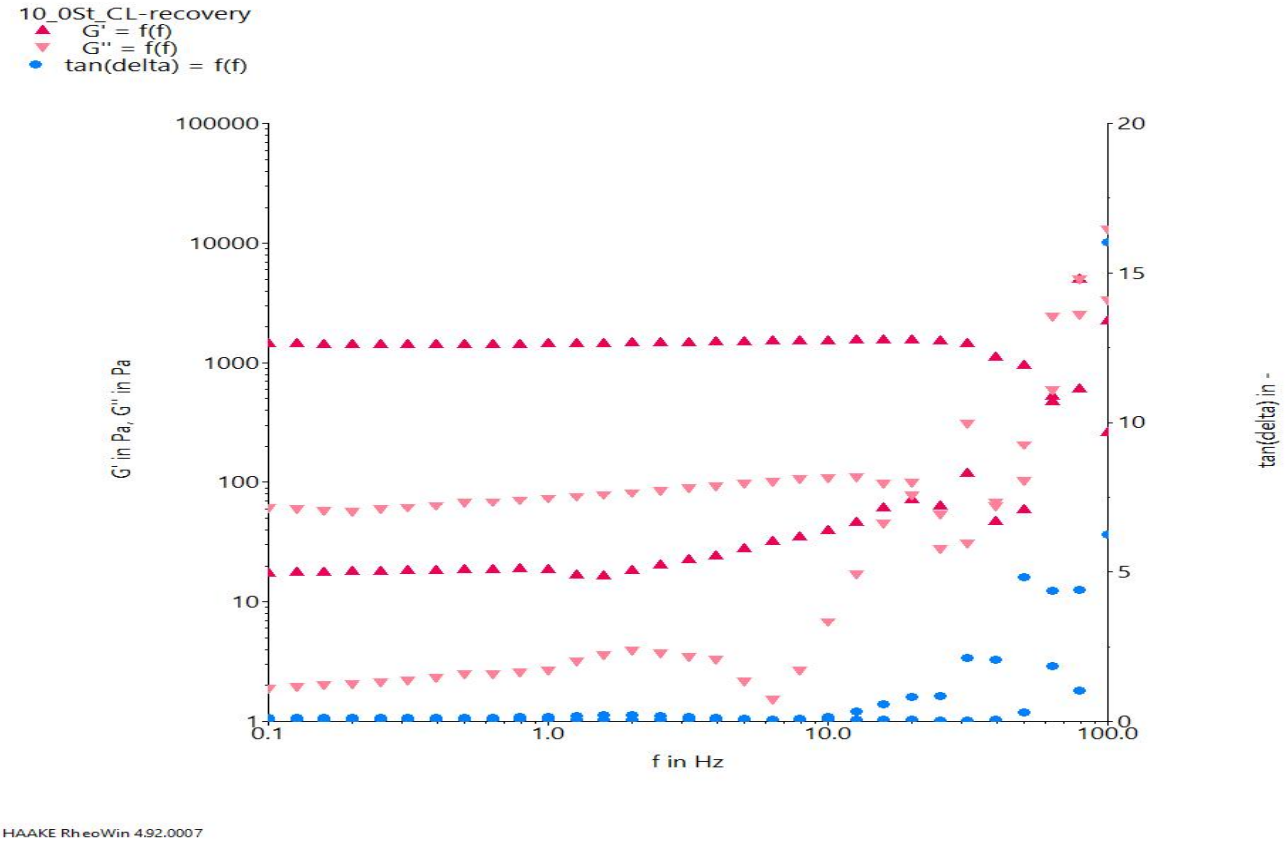
Company	cebb	**Measuring device**	MARS iQ Air	121003532001	
Operator	Rhéomètre	**Temperature device**	MTMC-iQ (MARS iQ Air)		
Date/Time	17.10.2024 / 10:35:19	**Measuring geometry**	P35/Ti/SE - 02220632	**Gap**	158,501 mm
Sample name	10_0WSt_CL	**A-factor**	1,188e+05 Pa/Nm		
Sample no		**M-factor**	0,1104 (1/s)/(rad/s)		
Description					

Comment



HAAKE RheoWin 4.92.0007

Filename: C:\Users\Rhéomètre\Desktop\Data\Petrus\171024\10_0St_CaCl2\10_0St_CL-recovery.rwd

Job: C:\Users\Rhéomètre\Desktop\job\Petrus\automatized\viscoelastic_recovery.rwj

Element definition / Notes

ID 42: Set Temperature; CS; Tau 0,000 Pa; t 5,00 s; ; T 37,00 °C ;

ID 30: Rotor is going to reach the sample

ID 36: Ax Ramp; CG; h cur - 0,5000 mm lin; t 30,00 s; #30; T prev °C; CS 0,000 PaBreak crit.(#1);

ID 2: Set Temperature; CS; Tau 0,000 Pa; t < 180,00 s; ; T 37,00 °C <± 1,00 °C;

ID 9: Osc Freq Sweep; CS; Tau_0 5,000 Pa; f 0,1000 Hz - 100,0 Hz log; t >≈ 25 s; #10; T prev °C;

ID 35: Rot Time; CR; GP 300,0 1/s; t 200,00 s; #100; T prev °C;

ID 46: Rot Steps; CR; GP prev 1/s - 0,1000 1/s lin; t 495,00 s; #15; T prev °C;

ID 10: Set Temperature; CS; Tau 0,000 Pa; t 180,00 s; ; T prev °C ;

ID 7: Osc Freq Sweep; CS; Tau_0 5,000 Pa; f 0,1000 Hz - 100,0 Hz log; t >≈ 25 s; #10; T prev °C;

Evaluation

ID 56: Crossover :

G' = G'' = 533,2 Pa at omega = 365,8 rad/s f = 58,21 Hz

Tau = 4,969 Pa Gamma = 0,01774 % T = 37,00 °C

t = 566,9 s t_seg = 410,5 s PI = 151,6

ID 57: Degree of crosslinking :

G' = G'' = 533,2 Pa at omega = 365,8 rad/s f = 58,21 Hz

Tau = 4,969 Pa Gamma = 0,01774 % T = 37,00 °C

t = 566,9 s t_seg = 410,5 s PI = 151,6

G' = G'' = 89,38 Pa at omega = 165,9 rad/s f = 26,41 Hz

Tau = 4,986 Pa Gamma = 0,08462 % T = 37,00 °C

t = 1859, s t_seg = 404,9 s PI = 1330,