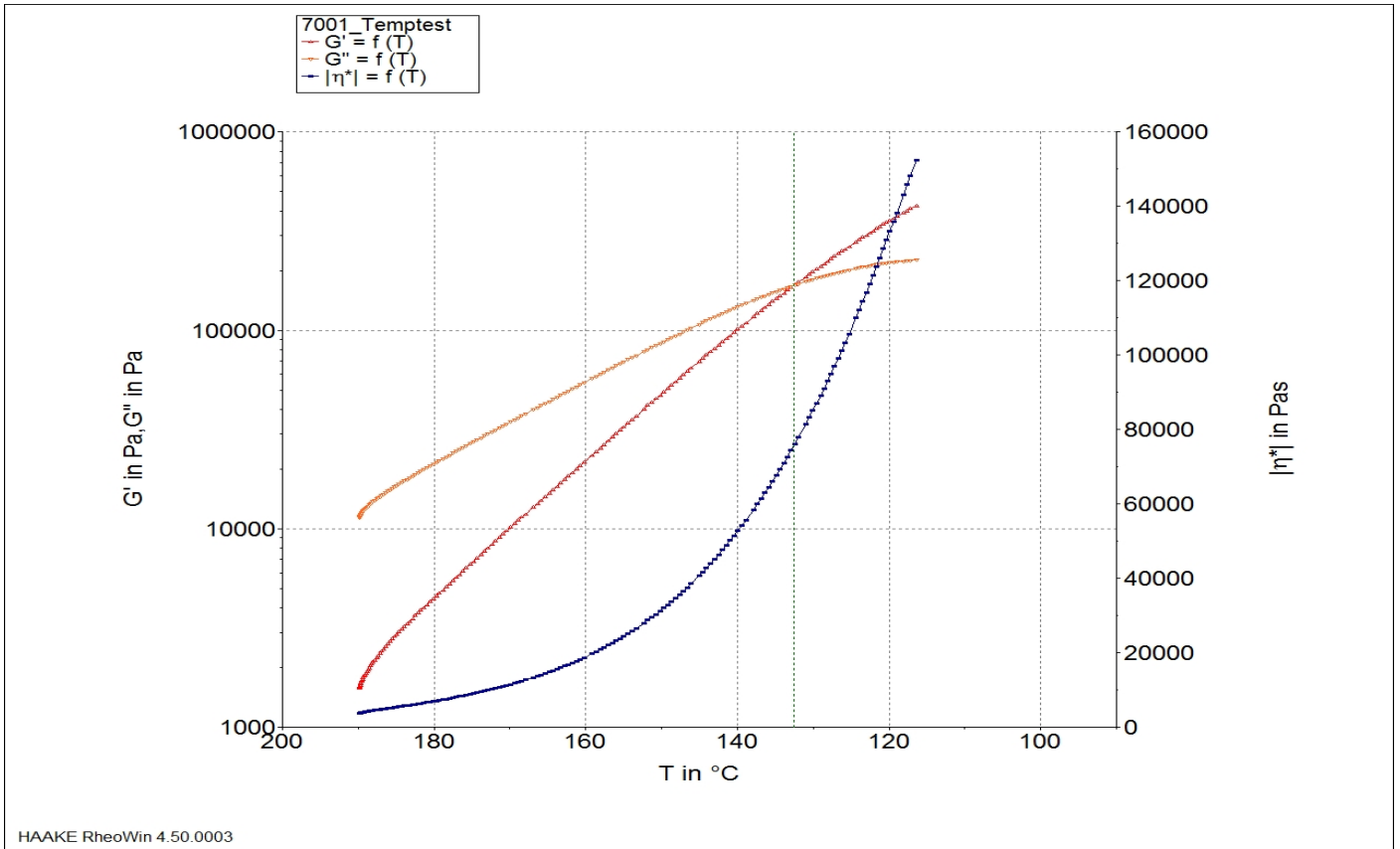


Firma	TU Chemnitz	Messgerät	MARS III		
Bearbeiter	khas	Temperiergehäuse	CTC <- -> MARS III		
Datum/ Uhrzeit	18.12.2014 / 11:02:22	Messgeometrie	P20 St Ex - L13011	Spalt	1,000 mm
Substanz	7001	A- Faktor	636700,000 Pa/ Nm		
Chargennummer		M- Faktor	9,998 (1/ s)/(rad/ s)		
Beschreibung	PLA Temperaturrampe f = 0,5 Hz				

Kommentar



Dateiname: C:\Users\Public\Documents\Thermo\RheoWin\DATA\Biopolymere\Temperaturtest\7001_Temptest.rwd (Mod)

Job: C:\Users\Public\Documents\Thermo\RheoWin\JOBS\khas\Biopolymere\HDPE Temptest.rwj

Elementdefinition / Notizen

ID 12: Set Temperatur; CS; 0,000 Pa; t < 600,00 s; ; T 190,00-C < 70,50 -C;

ID 18: Set Temperatur; CS; 0,000 Pa; t 60,00 s; ; T prev-C > 70,50 -C; Abbruch -> Goto ID: 12;

ID 14: Set Temperatur; CS; 0,000 Pa; t 120,00 s; ; T prev-C;

ID 17: Set Temperatur; CS; 0,000 Pa; t 120,00 s; ; T prev-C > 70,50 -C; Abbruch -> Goto ID: 17;

ID 17-2: Set Temperatur; CS; 0,000 Pa; t 120,00 s; ; T prev-C > 70,50 -C; Abbruch -> Goto ID: 17;

ID 17-3: Set Temperatur; CS; 0,000 Pa; t 120,00 s; ; T prev-C > 70,50 -C; Abbruch -> Goto ID: 17;

ID 17-4: Set Temperatur; CS; 0,000 Pa; t 120,00 s; ; T prev-C > 70,50 -C; Abbruch -> Goto ID: 17;

ID 21: Osc Zeit; CD; 0,3000 -; f 0,5000 Hz; t 60,00 s; #20; T prev-C;

ID 22: Osc T-Rampe; CD; prev -; f 0,5000 Hz; t 480,00 s; #220; T prev-C - 30,00 -C lin;

ID 24: Set Temperatur; CS; 0,000 Pa; t < 300,00 s; ; T 190,00-C < 71,00 -C;

Auswerten

Crossover :

$G' = G'' = 1,678E+05 \text{ Pa}$ bei $\dot{\gamma} = 3,142 \text{ rad/s}$ $f = 0,5000 \text{ Hz}$

$|\dot{\gamma}| = 7,554E+04 \text{ Pas}$

$\dot{\gamma} = 6,653E+04 \text{ Pa}$ $\dot{\gamma} = 0,2803 -$ $T = 132,59 -C$

$t_{\text{seg}} = 290,9 \text{ s}$