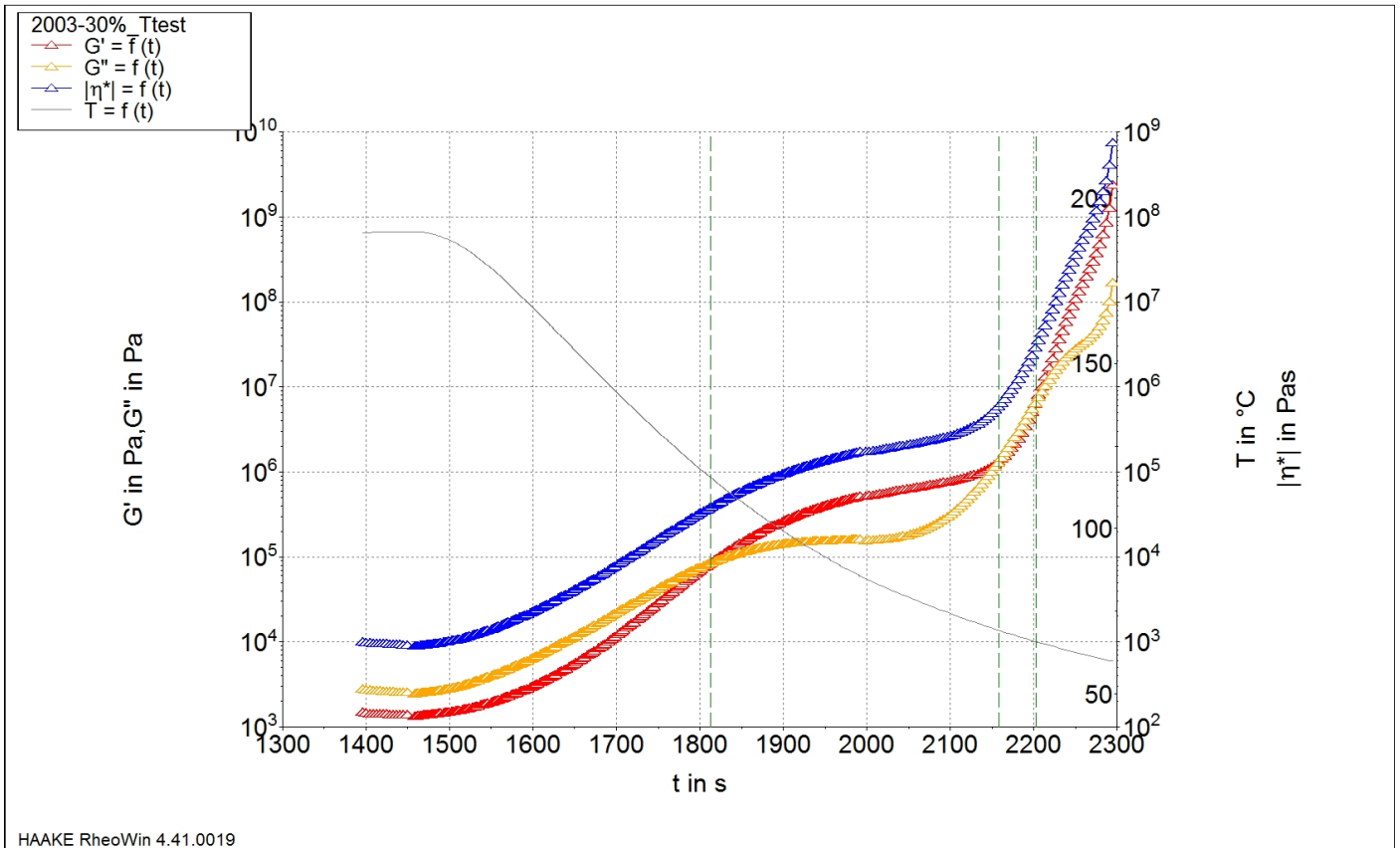


<b>Firma</b>	TU Chemnitz	<b>Messgerät</b>	MARS III
<b>Bearbeiter</b>	khas	<b>Temperiergerät</b>	CTC <---> MARS III
<b>Datum/Uhrzeit</b>	17.03.2015 / 11:11:21	<b>Messgeometrie</b>	P20 St Ex - L13011
<b>Substanz</b>	PLA 2003+30% Vinnex 2505	<b>A-Faktor</b>	636700,032 Pa/Nm
<b>Chargennummer</b>		<b>M-Faktor</b>	10,001 (1/s)/(rad/s)
		<b>Spalt</b>	1,000 mm
<b>Beschreibung</b>	Temperaturrampe Tmax = 190°C Abkühlrate: 20 K/min + isotherm f = 0,5 Hz		
<b>Kommentar</b>			



HAAKE RheoWin 4.41.0019

**Dateiname:** C:\Users\Public\Documents\Thermo\RheoWin\Data\khas\2015-03-10\_RSvidler\2003-30%\_Ttest.rwd (Mod)

**Job:** C:\Users\Public\Documents\Thermo\RheoWin\JOBS\khas\TempTest.rwj

**Elementdefinition / Notizen**

- ID 12: Set Temperatur; CS; 0,000 Pa; t < 600,00 s; ; T 190,00 °C ± 0,50 °C;
- ID 18: Set Temperatur; CS; 0,000 Pa; t 60,00 s; ; T prev °C >± 0,50 °C; Abbruch -> Goto ID: 12;
- ID 14: Set Temperatur; CS; 0,000 Pa; t 60,00 s; ; T prev °C ;
- ID 17: Set Temperatur; CS; 0,000 Pa; ; ; T 190,00 °C ± 0,50 °C;
- ID 21: Osc Zeit; CD; 0,1000 -; f 0,5000 Hz; t 60,00 s; #20; T prev °C;
- ID 22: Osc T-Rampe; CD; prev -; f 0,5000 Hz; t 540,00 s; #220; T 190,00 °C - 10,00 °C lin;
- ID 25: Osc Zeit; CD; 0,01000 -; f 0,5000 Hz; t 600,00 s; #300; T 10,00 °C;

**Auswerten**

Crossover :

G' = G'' = 8,479E+04 Pa bei  $\dot{\gamma} = 3,142 \text{ rad/s}$  f = 0,5000 Hz  
 $|f^*| = 3,817E+04 \text{ Pas}$   
 , = 1,134E+04 Pa  $\hat{A} = 0,09453$  - T = 115,55 °C  
 G' = G'' = 1,343E+06 Pa bei  $\dot{\gamma} = 3,142 \text{ rad/s}$  f = 0,5000 Hz  
 $|f^*| = 6,045E+05 \text{ Pas}$   
 , = 1,486E+04 Pa  $\hat{A} = 0,007830$  - T = 69,17 °C  
 G' = G'' = 6,777E+06 Pa bei  $\dot{\gamma} = 3,142 \text{ rad/s}$  f = 0,5000 Hz  
 $|f^*| = 3,051E+06 \text{ Pas}$   
 , = 4,539E+04 Pa  $\hat{A} = 0,004754$  - T = 65,77 °C