

## Rheomuco Measurement report

Measurement parameters	
Date - time	19 Apr 2021 - 6:11 PM
Measurement identification	04192021 01 Asthma NT 4
Operator (profile)	Kenza (Administrator)
Temperature setpoint	37 °C
Gap	0.7 mm
Geometries	rough
Reinstalled sample	no

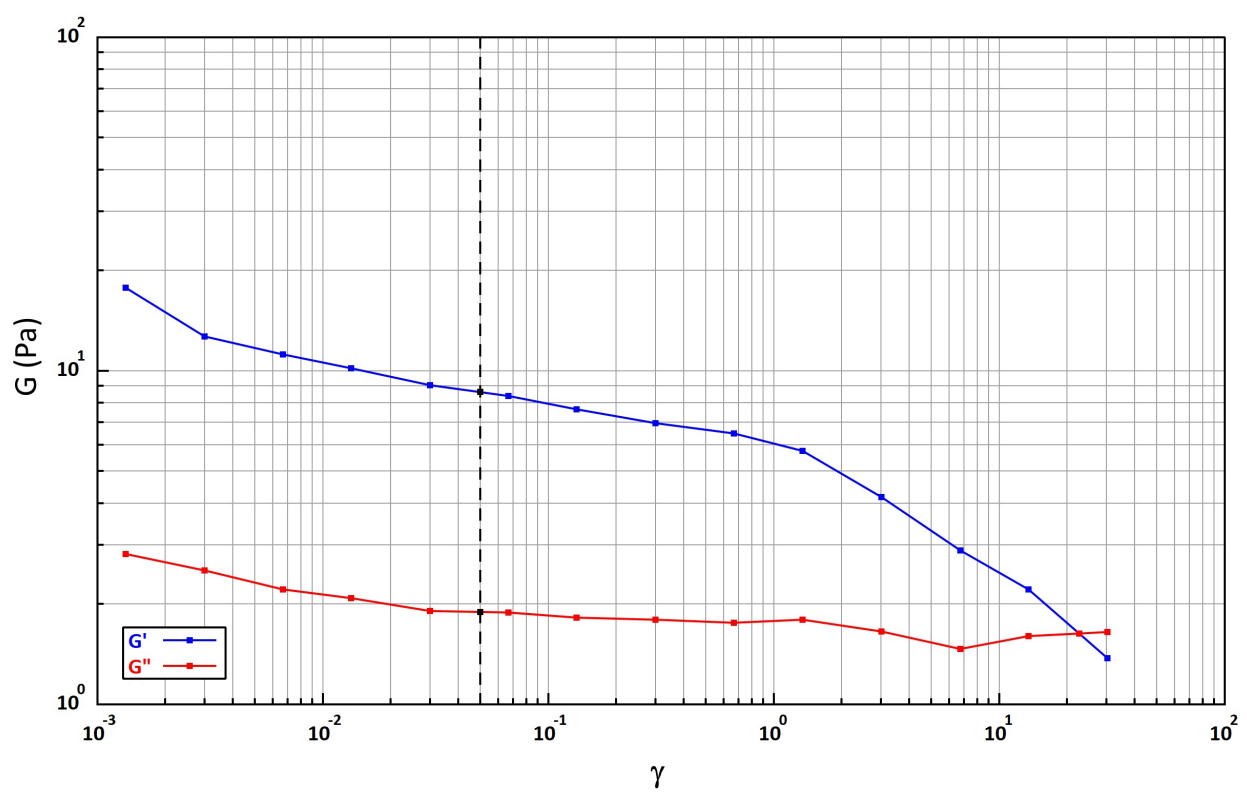
Device specifications	
Device serial number	501
Motors firmware	1.34
Coders firmware	1.16
Last maintenance date	19 Nov 2019
Operating software version	1.3.0.0
Measuring procedure version	BD-1.0

Measurement result		Value
Measurement validity <sup>(1)</sup>		Incomplete results (estimated linear region)
Linear viscoelastic modulus	$G_p^*$	8.82 Pa
Estimated linear elastic modulus	$G_p'$	8.62 Pa
Estimated linear viscous modulus	$G_p''$	1.89 Pa
Linear damping factor	$\tan(\delta)_p$	0.219
Crossover yield strain	$\gamma_c$	22.7
Crossover yield stress	$\tau_c$	52.6 Pa
Elastic force	$G_p^* \cdot \tau_c$	464 Pa <sup>2</sup>

<sup>(1)</sup> The measurement is valid if and only if no software or hardware incoherence are detected by the operating software during the analysis or by the algorithm during results treatment (see page 2)

Comments
500uL

Analysis history								
Step	Timeout	Gap	Motor	Coder	Temperature	Abort	Computation	Noise
15								X



Any exploitation of the results provided by Rheomuco is the responsibility of the user